

TELEVISION NEWS

Bill Fohrer, editor
336 Atlantic Street
Bridgeton, NJ, 08302

APPLICATIONS FOR NEW TELEVISION STATIONS

ST CH	ERP	HAAT	CITY/APPLICANT
AL 22 5000	2001	Tuskegee	Tuskegee Associates
AL 22 5000	1197	Tuskegee	Tuskegee Television
CA 7 316	1500	El Centro	Imperial Valley Broadcasting Ltd. Partnership
CA 7 316	895	El Centro	La Paz Wireless Corporation
CA 7 316	1417	El Centro	SICC Holding Corporation
CA 61 5000	1253	Porterville	Arthur C. Kralowec
CA 31 65	1713	Twentynine Palms	Carter Broadcasting Corporation
CA 31 15.8	272	Twentynine Palms	Desert 31 Television Inc.
CA 31 5000	440	Twentynine Palms	Twentynine Palms Broadcasting Corporation
CO 25 5000	1009	Longmont	Colorado Broadcasters
CO 25 250	156	Longmont	EchoNet Corporation
IL 14 16	-305	Hill	King Broadcasting Company
IA 22 3357	817	Waterloo	Waterloo Television
KS 5 100	1007	Liberal	Kansas Broadcasting Systems Inc.
LA 62 5000	695	Hannond	Florida Parishes Television Ltd.
MT 18 67.6	269	Jackson	Jackson TV Company
NC 47 1300	1023	Rocky Mount	Family Broadcasting Enterprises (amended)
OK 45 5000	430	Lawton	Barton W. Raliff
PA 53 166	935	Williamsport	WMWK Inc.
PA 53 105	101	Williamsport	Williamsport TV Associates
PR 46 3291	1050	Guayama	Ministerio Radial Cristo Pronto Inc.
SC 21 5000	1989	Florence	Magra Communications Corporation
TX 28 5000	1961	Bryan	Silent Minority Group
TX 2 n.c.	1683	Fredericksburg	TexStar Communications (amended)
WV 60 3000	974	Martinsburg	Ralph Albererentaxie
WI 57 641	403	Janesville	Tri-M Communications (amended)

CONSTRUCTION PERMITS GRANTED

ST CH	ERP	HAAT	CITY/APPLICANT
AR 42 5000	763	Little Rock	Leininger-Goddes Partnership (Review Board decision)
CA 29 1451	1678	Eureka	James & Sharon Deon Sepulveda
CA 38 2510	3000	Santa Barbara	Mission Broadcasting Corporation (Review Board decision)
FL 67 5000	1004	Lake Worth	Hispanic Broadcasting Inc.
FL 45 5000	581	Loveland	Central Florida Educational Television Inc. (Summary decision)
FL 57 5000	1088	Live Oak	Frank A. Baker
FL 50 5000	1931	Tampa	Silver King Broadcasting of Tampa Inc. (a.k.a. Home Shopping Network)
GA 23 5000	1517	Dalton	Dalton Television Associates Ltd.
NY 56 1000	326	Surucuse	Susan K. Panisch (correcting 6/87 VUB)
OR 34 4444	1050	Eugene	Telecasters of Eugene Inc.
SC 35 5000	1536	Rock Hill	Weisler Ltd. Partnership (initial decision)
UT 13 60	3900	Salt Lake City	Mountain West Television Ltd. (disregard CP grant recorded two years ago.)
VA 65 5000	876	Blacksburg	Southwest Virginia Television
WI 48 640	335	Chippewa Falls	Family Group Ltd. III

APPLICATIONS DISMISSED

AR Little Rock	ch. 42	Capitol Communications Corporation. (Review Board decision)
CA Avalon	ch. 54	Catalina Television Partners (failure to prosecute its application).
CA Eureka	ch. 29	Charles N. Lohr. (Initial decision)
CA Novato	ch. 68	North Bay Communications Inc.
CA Santa Barbara	ch. 38	Coast TV (reversing initial decision which had preferred it on qualitative enhancement advantages); Solar Television Inc. (upholding initial decision). (Review Board decision, granting preference to Mission Broadcasting Corporation on integration grounds)
FL Clermont	ch. 68	South Lake Communications Inc.
FL Key West	ch. 8	Florida Keys TV (at its request).
FL Live Oak	ch. 37	Cardwell-Bussey Partnership; M. James Sharp.
FL Orlando	ch. 27	Westlake Television Ltd.
FL Tampa	ch. 50	Associated Communications Corporation; Channel 50 Corporation; Grand Bay Television Ltd.; Jacaranda Broadcasting Company Ltd.; Mary Ann S. Bohly; Tampa Bay Broadcasting Ltd.; Tampa Fifty Ltd. (Settlement agreement; remaining applicant, Gulfwind Broadcasting Ltd., was amended to Silver King Broadcasting of Tampa.)
GA Dalton	ch. 23	Southern Television Inc. (Initial decision)
GA Monroe	ch. 63	Overview Communications Ltd.; Thaddeus Bishop; Vernice Boozer; Walton World Communications.
IL Sparta	ch. 48	Rita S. Wyne.
NV Elko	ch. 10	Barryl Madlock.
OH Toledo	ch. 40	The Malendowski Partnership.
OK Guyton	ch. 9	Carl M. Fisher. (returned)
PR Fajardo	ch. 34	DeMays DeJesus.
PR San German	ch. 42	Freddie Gautier Broadcasting Company.
SC Rock Hill	ch. 33	Catauba Communications Inc.; Family 55 TV Inc.; Kootz Communications Ltd. Partnership; Metrolina Media Inc.; Moore Broadcast Industries Inc.; Rock Hill Telecasters Associates Ltd.; Susan S. Mulvey. (Initial decision)
TX Fredericksburg	ch. 2	Johnnie B. Woodbury.
TX Greenville	ch. 47	Bill Richard Wright.
TX Rio Grande City	ch. 40	Joneco Broadcasting.
UT Salt Lake City	ch. 13	Intermountain Broadcasting Inc.; Salt Lake City Family Television Partnership; Utah Television Associates Ltd. Partnership.
VA Blacksburg	ch. 63	Cascade Television Ltd.; New River Communications Inc.
VA Blufffield	ch. 40	Interface Productions Inc.; Paul Lambert.
WI Chippewa Falls	ch. 48	Dushland Radio Specialties.

CONSTRUCTION PERMITS CANCELLED

ST CH	CALLS	CITY
LA 11	KXBN	Houma
MI 5	WHTA	Calumet
TX 20	KLDS-TV	Denison
TX 19	KJLM	Macopdoches
TX 42	KLPH-TV	Paris

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ST CH	ERP	HAAT	CALLS	CITY
FL 15	708	576	WCEU	New Smyrna Beach
OH 30	1253	778	WUXA	Portsmouth
OR 32	3577	1786	KUTV	Salem
TX 2	100	1405	KACU-TV	Amarillo
TX 49	5000	1774	KTFH	Conroe (ex-KCJT)
WY 33	253	485	KXTU	Cheyenne

TELEVISION NEWS

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

ST CH	ERP	HAAT	CALLS	CITY
FL 56	1147	509	WFSB	Panama City (from ch. 22)
IA 63	219	190	KBTW	Des Moines (from ch. 69)
RI 69	5000	1137	WOST-TV	Block Island

APPLICATIONS TO CHANGE EXISTING FACILITIES

ST CH	ERP	HAAT	CALLS	CITY
CA 36	3930	2305	KICU-TV	San Jose (cp)
CA 63	3060	2663	KLTV-TV	San Jose (mp; recently went on the air; probably technical adjustments)
MD 45	1292	1238	WFFF	Baltimore (cp)
NE 7	316	1487	KWME-TV	Bassett (cp)
NC 36	5000	1933	MPCQ-TV	Charlotte (cp)

FACILITIES CHANGES GRANTED

FL Fort Myers	WINK-TV, ch. 11; granted CP to increase antenna height 463' to 1478' AAT/1475' AB/1505' ASL; same TL or close to it; BT CIR. Should make some improvement to reception.
KY Beattyville	WLJC-TV, ch. 65; granted MP to reduce ERP from 93.1 kw max to 73.45 kw max; 662' AAT/501' AB/1578' ASL (185' higher ASL; I noticed that BROADCASTING magazine reported 646.2' AAT, closer to the 645' figure in the data base supplied by Larry Foss.; same TL; BT HOR. Doesn't look like any change in coverage area.)
LA West Monroe	KARD, ch. 14; granted LIC to cover CP for changes; ERP increased from 1050 kw max/938 kw hor to 5000 kw max; 1876' AAT/1808' AB/2008' ASL (1295' higher ASL); TL 5.5 miles west of Columbia, 1.5 miles south of Hwy 4; coordinates 32d-05'41"/92d-10'39" (Az. 183 degrees, 228.4 miles from former transmitter); DA BT HOR. Looks like a big boost for this station's coverage area, but if you haven't logged this yet at 1050 kw, your chances at 5000 kw may not be much better.
VA Richmond	WRLH-TV, ch. 35; granted CP to reduce ERP from 4335 kw max to 2580 kw max; 1259.2' AAT/1212' AB/1514' ASL (225' lower); same TL; BT HOR. Look for some reduction in coverage area.
WI Milwaukee	WVTV, ch. 18; granted CP to raise ERP from 2510 kw max/1020 kw hor to 5000 kw max; 986' AAT/1040' AB/1635' ASL (24' lower AAT, no available data to compare AB and ASL); same TL; DA BT HOR. No doubt there will be an increase in coverage area and picture quality to fringe areas, but when a station is already 2510 kw ERP, I wonder how much improvement there will be to BX.

CALL LETTER APPLICATIONS: NEW STATIONS

ST CH	CALLS	CITY/APPLICANT
IA 63	KBTW	Des Moines; Home Town Broadcasters Inc. (ex-ch. 69)
KS 18	KAAS-TV	Salina; Channel 24 Ltd.
MN 22	KAMB	Brainerd; Northern Minnesota Public Television Inc
WI 48	MEUI	Chippewa Falls; Family Group Ltd.

CALL LETTER GRANTS: NEW STATIONS

ST CH	CALLS	CITY/APPLICANT
CA 48	KDDB-TV	Bakersfield; Dorothy J. Owens
FL 49	WRTS-TV	Tice; WTRH
FL 49	WRTY-TV	Tice; WRTS-TV (short lived!)
OK 44	KGLB-TV	Oklahoma; Brewer Communications Inc.
OR 22	KFTS	Klamath Falls; Southern Oregon Public Broadcasting
PR 36	NDML	Bayamon; Bayamon Christian Network
SD 15	KMLD-TV	Rapid City; Midcontinent Broadcasting Company
TN 58	WMBB	Nashville; Ruth Payne Caraan
TX 42	KLTX	Baytown; KRTW
TX 49	KTFH	Conroe; KCJT

CALL LETTER GRANTS: EXISTING STATIONS

ST CH	CALLS	CITY/APPLICANT
CA 60	KEEF-TV	Los Angeles; KNDE
CA 46	KHSC	Ontario; KINS-TV
LA 33	WSTB	Baton Rouge; WRBT
TX 49	KHST	Irving; KLTN (Are they running Home Shopping Net?)

NEW STATIONS ON THE AIR

MD Hagerstown	WJAL, ch. 68, went on the air 5/4/1987; 5000 kw max ERP; 1335' AAT/275' AB/2275' ASL; TL State Road 16, 3 miles SSE of McConnelburg PA; coordinates 39d-53'31"/77d-58'02"; BT HOR; address: Good Companion Broadcasting Company, 16948 Buchanan Trail Rest, Mercersburg PA 17236. Independent Christian station with syndicated programs. Tom Yingling confirmed that it's on the air, but from Bridgeton I have yet to get even a trace of it, even when the weaker Hagerstown stations on ch. 25 and 31 are coming in.
NH Redwood Falls	KRMF, ch. 43, went on the air 4/14/1987; 1220 kw max ERP; 547' AAT/535' AB/1619' ASL; TL 3.6 miles ENE of the intersection of Highways 68 and 19; coordinates 44d-29'03"/95d-29'27"; DA BT HOR; address: Hubbard Broadcasting Inc., 3415 University Avenue, St. Paul MN 55114. ABC affiliate.
NY Buffalo	WNEB-TV, ch. 42, went on the air 5/14/1987; 957 kw max ERP; 1007' AAT/1017' AB/ASL data uncertain due to total lack of consistency in the data of every application ever filed on this TL, but anywhere from 1490' to 1564'; TL 0.6 mile NNE of the intersection of Whitehaven and Harvey Roads in Grand Island (WNED-17 tower); coordinates 43d-01'48"/78d-35'15"; BT HOR; address: Western New York Public Broadcasting Association, 184 Barton St., Buffalo NY 14240; Educational station, PBS affiliate.
PR Ponce	WQTO, ch. #26, reported on the air 11/30/1986 by Richard Clark; 434 kw max ERP; 991' AAT/213' AB/2247' ASL; TL 1 mile north of Santo Domingo; coordinates 18d-04'50"/66d-44'54"; DA BT HOR; address: Ana G. Mendez Educational Foundation, RB 176, Km 0.3, Rio Piedras PR; educational station.
PR San Juan	WJMN-TV, ch. 24, went on the air 2/15/87; 533 kw max ERP; 1963' AAT/276' AB/2703' ASL; TL 0.5 mile east of State (?) Road 186 in Caguay Barrio; coordinates 18d-16'47"/65d-51'14"; DA BT HOR; address: Multi-Media TV Inc., 1550 Ponce de Leon, San Juan PR 00963. Independent station.
TN Cleveland	WFLI-TV, ch. 53, went on the air 5/25/1987; 1306 kw max ERP; 1169' AAT/1013' AB/2023' ASL; coordinates 34d-55'57"/84d-58'32" (which plotted is in the northern part of Whitfield County, Georgia between Cohutta and Varnell); DA BT HOR; address: 4654 Cohutta-Varnell Road, Cohutta GA 30710. Independent station.

FORUM

Several articles from W.R. McIntosh (Granada Hills CA) that I didn't get to last month. The 4/6/76 Los Angeles Times reports that WNET (ch. 13 in Newark NJ), the country's largest public television station, has a new president: William P. Baker, president of Group W Broadcasting. As a manager, fund-raiser, broadcaster and producer, it is hoped that he will fulfill WNET's two objectives: financial stability and production of 40% of national prime-time programming for public television.

The 4/1 Times reports that KTLA (ch. 5, Los Angeles) is broadcasting Los Angeles Dodgers games in both Spanish and English, using the SAP channel.

According to the 4/30 Los Angeles Times, representative Jim Slattery of Kansas, one of eleven members of the telecommunications subcommittee of the House Energy and Commerce Committee, is calling on federal lawmakers to place a ban on future buyouts of television networks by defense contractors, and wants General Electric, the nation's second largest defense contractor, to sell off NBC. He questions NBC's ability to objectively report on such matters as Strategic Defense Initiative without the appearance of a conflict of interest. NBC News president Lawrence Grossman replied that NBC's previous owner, RCA Corporation, was also a defense contractor, yet exerted no influence over news coverage by that network. The subcommittee has been looking into current trends in television news resulting from deregulation and the use of marketplace forces. The 5/1 Times continues the subject, reporting that the subcommittee made several proposals that would allow Congress to restrict certain activities that could affect news coverage: The Fairness in Broadcasting Act of 1987, if passed, would force broadcasters to obey the Fairness Doctrine, which the FCC has recently been disregarding. The Tender Offer Reform Act of 1987 could hinder or prevent hostile takeovers of broadcast networks.

Sore Loser department in the 6/5 Times. You remember that decision by the FCC to allow Spanish International Communications Corporation to sell its television stations to Hallmark Cards Corporation and First Capital Corporation for \$301 million? A Latino congressman, and several Latino businessmen and community organizations are still objecting to the sale. "Vowing to take their flight to the FCC's Mass Media Bureau, which must now rule on whether to approve the sale of the Spanish International stations, the opponents accused the regulatory agency of violating its own procedures and of weakening its policies designed to increase minority ownership of broadcast outlets. 'The renewal of the licenses is a further violation of their [the FCC's] own procedures,' because it rewards Spanish International for violating the U.S. law that limits foreign investment in broadcast outlets to 20%, said Rep. Matthew Martinez (D-Calif). Martinez, of Monterey Park, noted that an FCC administrative law

judge had refused to renew Spanish International's licenses last year because the judge found that Mexican media magnate Emilio Azcarraga Milmo and his family effectively controlled the stations through a combination of programming and financial ties without directly violating the 20% limit."

The ratings war is taking on dirty proportions. From the 6/5 Times: "The television business used to be genteel in Minneapolis. Broadcasters called each other by their nicknames and mingled at trade functions on weekdays and lakeside barbecues on weekends. But relations turned frigid as a prairie pond in winter last month when KARE-TV blanketed the city with letters asking residents to watch its programs, then fill out and return a 'research' survey. The reaction from KARE's competitors was explosive; the mailing came amid the so-called May 'sweeps,' when ratings services gather audience-viewing data that determines how much stations will charge for advertising. 'This is not a survey; this is a blatant attempt to boost their ratings,' said James Rupp, president of CBS affiliate WCCO-TV. 'They should be thrown out of the ratings book.' Rupp's complaint must have sounded familiar to Los Angeles broadcasters this week, in light of Wednesday's disclosure that A.C. Nielsen Co. will cancel some May sweeps ratings because of a KABC special series that competitors said unfairly boosted the ratings of KABC's 11 p.m. 'Eyewitness News.' The eight-part series profiled the Nielsen 'families' whose viewing habits are recorded to calculate the ratings. In the competitors' eyes, the subject was a sure-fire viewing lure for Nielsen's families - and thus a bad attempt to manipulate the ratings. Both stations' efforts are examples of activities that have become all too common in the rough-and-tumble world of local television, broadcasters say. Efforts at ratings manipulation - known in the industry's vernacular as 'hyping' - are chronic and increasing, they say. Local broadcasters have, of course, for years attempted to boost their audiences with appealing programs during the four times each year when the ratings services gauge local audience levels. Racy news documentaries, movies and other special programming have become a regular feature of the sweeps months of February, May, July and November.

The 4/5 Los Angeles Times has an editorial giving some of the background on the PTL scandal and the fund raising methods of some of the television preachers. Then the editor gives his comments: "Preachers pulling the plug? Never. The TV industry wouldn't like that, for such preachers...pump a reported \$1 billion annually into local TV stations and cable operators. What's more, they and their pitches belong on TV. They fit. They're family. They have all the proper tools. They act. They weep. They sell. Everyone's talking about TV's wave of home shopping programs. Actually, TV's been in the home shopping business since its inception. TV is nothing if not a huckster heaven, from Oral Roberts

to oral hygiene, a place for selling religion along with toothpaste. In a broad sense, TV is a turnstile that pushes viewers on to advertisers. In a narrow sense, it's largely a series of billboards, most of them unannounced. A TV commercial is more than a message from Madison Avenue. It is Ronald Reagan selling himself to the electorate, Alan Cranston turning his hair orange for the camera and Geraldo Rivera selling himself to anyone who will watch." The list goes on.

Mc also sent in a brochure from KDDE, ch. 68 in Los Angeles (now KEEP-TV). "We are authorized by the [FCC] and are proceeding to operate a new full power (1.3 million watts) station on Channel 68 licensed to Los Angeles. The station's transmission equipment will be located atop Mt. Wilson, 6,000 feet above Los Angeles at the Los Angeles 'Television Farm' where twelve of the fifteen L.A. market stations' transmission facilities are similarly located. From this perch, KDDE-TV will place a Grade A signal over all of Los Angeles and Orange Counties and portions of San Bernardino and Riverside Counties." "We at KDDE-TV believe that the communications media explosion presents the opportunity to offer specialized television networks and stations.... KDDE-TV will meet this challenge by offering programs not generally available. The programs will focus primarily on two distinct formats: Black and International fare. The Black-formatted programs will be informational, educational, cultural and entertainment." "The International fare will spotlight movies and news programs from African, Korean, Japanese, Filipino and Hispanic sources-producers." This next part sounds interesting: "New techniques and deregulation have created opportunities for the simultaneous re-broadcast of the signal of the signal of KDDE-TV in other markets across the country. KDDE-TV is marrying satellite distribution with TV translators." (Description of translators follows) "The result is that when satellite-connected, a single station such as KDDE-TV can rebroadcast its signal live into distant markets. Meeting this challenge, KDDE-TV has options to purchase licenses for or to lease the facilities of and/or rebroadcast its programming in Memphis, Charleston, Wilmington, Austin, Shreveport, Milwaukee and New Orleans. Additionally, KDDE-TV is seeking other options to purchase translator stations in up to 20 other major markets." The station is a PBS affiliate, but evidently will be selling air time to program producers and distributors.

DAVE SINCLAIR (Vancouver BC) sent a copy of a letter from Dean Woodring, VP and GM of KTZZ-TV (ch.22, Seattle WA) to the CRTC, asking it to reconsider its decision not to allow KTZZ to be carried by Vancouver cable television companies. Woodring argues that, as an independent station, KTZZ-TV offers baseball, basketball, hockey and hydroplane races which are popular among Canadians. He also reminds the CRTC that its decision will deprive Canadians of these sports.

Also, a letter from the GM of KONG-TV (ch.

16, Everett WA) says, "The station has been delayed due to environmental concerns over Non-Ionizing Electromagnetic Energy in the proximity of the Cougar Mountain antenna farm where we have proposed to locate our tower and transmitting facility. We now think that this problem has been resolved and we will soon be able to move forward and begin construction soon. If all goes as planned, we could be on the air by mid-fall."

The 6/8 Globe & Mail reports on the continuing fight between two Chinese-language cable services competing for the Vancouver market. The two competitors are Cathay International and Chinavision Canada Corporation. The president of Cathay, the first of the two, argues that the CRTC should not have licensed Chinavision because the market is too small to support both. But Chinavision argues that Cathay is supposed to be a multilingual service, not a Chinese, and that the CRTC should have cancelled its license for not fulfilling its obligations. As it stands, the CRTC gave Cathay a temporary extension while it considers Cathay's non-fulfillment.

The 6/20 Globe & Mail reports on the latest with CKVU-TV in Vancouver. But first, is that station really on channel 10? This article calls it channel 13, and last month's VUD cover has the logo "vu13," even though the caption calls it channel 10. Anyway, the Supreme Court of British Columbia ordered the present owners of CKVU-TV to turn control of the station over to I.H. (Izzy) Asper. The present owners failed to convince the judge that there was a 112/31/86 deadline on the agreement of sale.

Dave also sent some literature on a device called a UHF Audio/Video Transmitter, which can transmit signals from a videogame, computer, VCR, video camera or CCTV up to 20 meters. That's assuming, of course, that the owner doesn't soup up the system and make his own little pirate LPTV station. The device is manufactured by Jutan International Ltd.

A few corrections from GLENN HAUSER (Fort Lauderdale FL, not Fort Lauderdale) "A couple of places I am intimately familiar with you consistently misspell: Bufaula OK...and Fort Lauderdale FL." I never realized that. All these years I have misspelled those two cities and never realized it. "A minor point, but I don't think I could have said WGBS-710 became WAQI four years ago as you printed it; more like a sesquiquialter ago--that's a year and a half." I think you're right. I was getting quadrennium and sesquiquialter mixed up." Referring to WNPL-TV, ch. 46 in Naples FL, "I've been looking for the new 46 on the west coast, but no sign of it yet; nor any other new ones around here you have mentioned."

"Re stereo, I'm not sure if it results from your editing, or my omission, but to make my remarks complete on the local scene, WCIX-6 (Miami FL -wbf) should be mentioned as having true stereo, on Fox pgms, Solid Gold, etc. But it's really strange on the Late Show and Tracey Ullman--the music is great, but on the

talk it sort of comes and goes and moves around unaccountably (platform motion). I suspect that is the way Fox sends it out but have no other outlet to compare. WXEL-42 (West Palm Beach FL -wbf) is indeed in true stereo, but the strange thing is I have never heard or seen any mention of the fact on the station; instead they continue to promote occasional stereo simulcasts on their FM or for country music shows, WIRK-107.9. Too many NBC 'stereo' shows, like Cheers, merely have stereo 'ambience' on the set without any dramatic motion or separation; tho the music is real stereo. And too often the most stereophonic thing about some shows is the laugh track. I noticed the music bridges on the NBC Today Show are in stereo, while the rest of the audio is not."

"I suppose it will be obvious when I find out, and maybe you explain it somewhere but in the DB [North American TV Data Base -wbf]. I am still trying to figure out what 'm' means after the power in US list, in some cases." The "m" stands for maximum, and the "h" you sometimes see stands for horizontal. Because of beam tilt and directional antennas, the FCC sometimes requires additional information. Quoting 47CFR (Telecommunications) section 73.681 (definitions), "Effective radiated power. The product of the antenna input and the antenna power gain... (If specified for a particular direction, effective radiated power is based on the antenna power gain in that direction only. The licensed effective radiated power is based on the average antenna power gain for each direction in the horizontal plane. When a station is authorized to use a directional antenna or an antenna beam tilt, the direction and amount of maximum effective radiated power will also be specified.) Where circular or elliptical polarization is employed, the term effective radiated power is applied separately to the horizontally and vertically polarized components of radiation. For assignment purposes, only the effective radiated power authorized for the horizontally polarized component will be considered." I take that to mean that a station listing one ERP figure with "max" is a directional antenna, with the power recorded in the direction of the greatest antenna gain. The two figures "max/hor" would seem to refer to beam tilt, one reading in the direction of the tilt, and the other in the horizontal plane. If this is the case, I would like to know why there is little consistency with the column that reports directional antenna and beam tilt.

Glenn continues, "In the intro you say you are showing TBN affiliates, but looking up a few like KTBO-14 OKC (Oklahoma City -wbf) I see you have them merely as ind. Since most of them seem to be near 100% off the net except for local IDs and phone numbers, that certainly counts as a network worth listing."

I agree. Unfortunately I did not have a complete list of TBN affiliates at the time. It was a last minute decision to include TBN as well as HSN. Also, the list of Fox affiliates is not complete. After sending out

the printouts, I came across a complete list in the latest SRDS Spot Data book.

BOB TIMMERMAN (Auburn IN) saw WLLA (ch. 64, Kalamazoo MI) testing in the evening of 6/5/87, "...asking for reception reports. Their phone # is (616)-623-2161. They will have Christian programming."

RANDY MILTIER (San Jose CA) sent two articles from the San Jose Mercury News, dated 6/17 & 19. The Santa Clara County Board of Education decided to turn television station KTEH (ch. 54, San Jose CA) over to the non-profit KTEH Foundation, formed by a group of longtime KTEH supporters. From the 6/19 article, "County schools Superintendent Tom Goodman said his staff had contacted KQED, the San Francisco public television station, but no offer from that station ever materialized." The foundation will have free use of the county's offices and production facilities for three years. FCC approval is expected this summer.

It's interesting that KQED didn't want to buy the station. The magazine section from the 4/12 San Jose Mercury News carries a big article on the two. It seems that KQED president and GM Tony Tiano thinks that KTEH should become a satellite of KQED. "There is not a reason for there to be a KQED and a KTEH if one station is different only in terms of when something is on, which is the case with KTEH.... That's not a reason to spend an additional couple of million dollars every year." "KTEH... has 345,000 viewers, but only 25,000 are members. What makes KTEH membership figures even more depressing is that KQED has 'around 40,000 members in San Jose,' according to Rosemary Carroll, KQED's director of development. 'That's more members in San Jose than Channel 54. When you add Monterey, Carmel and Hollister, around 40 percent of our members come from the KTEH viewing area.'"

The 6/19 Mercury News also reports that KSTS (ch. 48, San Jose), an independent station specializing in business and financial programming, has been sold to Telemundo Group Inc. It is expected that Telemundo will run Spanish-language programming from 6 p.m. to midnight. Presently there is only one Spanish station in the San Francisco area: Univision affiliate KDTV, ch. 14. "In one year of operation, Telemundo has gained control of about 50 percent of the national market for Spanish-language television broadcasting with stations in New York, Los Angeles and Miami. Those are three of the top four Hispanic population centers in the United States. The company also owns a station in San Juan, Puerto Rico, and has affiliates in Chicago and Brownsville, Texas."

WENDELL FORD (Westville IN) sent in a few articles. The 5/14 Gary IN Post Tribune has a picture of the WYIN (ch. 56, Gary IN) television tower being assembled. "Workers... were busy Wednesday on the first stages of a 1,000-foot television tower for Northwest Indiana's public television station, WYIN-Channel 56." "The tower will be erected about three miles southeast of Cedar Lake."

The 5/28 Post Tribune, while reporting board members and contributors, adds, "The station received approximately \$700,000 for switching frequencies (from 50 to 56) with an Illinois commercial station. [Northwest Indiana Public Broadcasting] is constructing a 998-foot tower near Cedar Lake, over which WYIN will broadcast a 55,000 watt signal." 55 kw ERP? I have them authorized for 1355 kw. "It will reach Lake, Porter, LaPorte, Newton, Jasper, Pulaski and Starke counties in Indiana and Will and southern Cook counties in Illinois." "The WYIN studios will be located at 8625 Indiana St., Merrillville, where the station is leasing space." An article from the 6/1 Valparaiso Vidette Messenger repeats that 55 kw figure. The latest data base from Larry Fuss has 1353 kw.

Lastly from Wendell, a UPI printout dated 3/28 reports that WTVU (ch. 4, Indianapolis IN) went bankrupt.

Late minute report from TOM YINGLING (Dundalk MD): WBFF (ch. 45, Baltimore MD) is now operating with its new facilities. Also, Maryland Public Broadcasting translators W62AY (Frederick MD) and W36AB (Oakland MD) are now operating as broadcast stations with call letters WPFT (Frederick-62) and WGBT (Oakland-36). As I mentioned some time back, there are no other changes. They're just translators with big station call letters, just like WDPB (ch. 64, Seaford DE).

METEOR SCATTER FANS: I recently received some information from the American Meteor Society on the results of their 1985 Radio-scatter program. The AMS also sent a copy of an article from the June, 1986 QST magazine, written by Michael R. Owen, radiometer coordinator for the AMS. One major point in the article contradicts what I have been assuming when I wrote the meteor scatter articles some years ago. Although the vertical altitude of the meteor shower radiant increases the observed hourly rate (OHR) with respect to meteor observations, meteor scatter is a different situation, the hourly rate of MS bursts reaching a peak when the radiant is only 45 degrees above the horizon. Apparently when the radiants become higher than that, the meteor trails become useless to radio waves. Although it is too late for me to work up some charts of radiant heights for this month's Perseid shower, here is a useful quotation from the article: "...most VHFers think that the Perseids shower is best on the morning of August 12 every year." "When I lived in the Midwest, it was common knowledge that the long-haul path to Arizona opened up briefly at around 10 AM, local time on the morning of August 12 each year. Why? Well, because at that time the Perseids' radiant is always at an elevation of about 45 (degrees) over the midpoint of the path. No matter whether the shower was actually peaking or not, it appeared to peak for that path at the same time each year. From a VHFer's point of view, that's all that really matters."

And while we're on the astronomy aspects of the DX hobby, something else has come up. The 11/86 and 7/87 issues of Sky and Tele-

scope have photographs of mysterious high-altitude clouds called noctilucent clouds, or NLCs. The 7/87 issue of Astronomy has a six-page article on NLCs with more detail and beautiful color photographs. Could these clouds be E-skip patches? Get the Astronomy article and read it. More on these two subjects will appear within the next few months.

MISCELLANEOUS

PENNSYLVANIA: WVPC-TV (ch. 23, Altoona PA) is presently a satellite of independent station WVCP-TV (ch. 8, Johnstown PA), but is in the process of being sold by its present owners, at which time it will become an ABC affiliate. Meanwhile, that area has to get its ABC programming from Pittsburgh. WFAT-TV (ch. 19, Johnstown PA) had applied for ABC affiliation in that area, but was rejected by ABC. WFAT is now going to the FCC, asking it to force ABC to allow it to air network programming until WVPC becomes the area's ABC affiliate.

NATVDB CORRECTIONS

To start, remember Glenn Hauser's spelling corrections of Fort Lauderdale (FL) and Eau-faula (OK).

Fred McCormack has a few comments and corrections: "I want to comment on the designation of Canadian repeater stations where the CBC English and French networks were involved. I had a great deal of difficulty understanding it on first reading, as I knew that many of the indicated stations did not repeat the station shown; at least that is, repeat it in the manner by which I define repeaters. I have come to the conclusion that the stations repeated field in your data base shows the networking up to the master control at CBLT. Is that correct? Maybe you could elaborate on it in your column." That is correct. The original Canadian printout indicates the feed by the terms Network, Satellite, Off-air and Studio. Maybe the next edition should indicate which is which, or just list off-air. Any suggestions from the club? Fred adds, "I think the designation repeater implies that the station carries the same programs and likely the same IDs and ads as the station repeated. Before I would designate a station as a repeater, I would hope those conditions prevail for the great majority of the broadcast period. However, using your designation as a guide, a DX'er might expect to find CBWT programming on, for example, CKX channel 5 in Brandon. He would be sadly mistaken, as the only similarity is the CBC network programming." Fred also makes the following corrections to the list:

Ch. 2: CKND-TV-2, Basswood MAN: suspects 100 kw ERP, as per 1987 TV Factbook. Actually, it should be 99 kw. Walter Patton corrected me on this and I still missed it.

Ch. 3: KXMA, Dickinson ND is CBS only.

Ch. 3: KDLO, Florence SD: typo shows Watertown NY asgt. That should be Watertown SD.

Ch. 6: WDAY, Fargo ND: also primary for KCMY/14/Minot ND and KBNY/17/Bismarck ND. (Fred: although I listed them as satellites

of WDAY, the current SRDS books do not list them as satellites. But I will make this correction unless I hear otherwise from you.)
Ch.6: CKCK-TV-2, Willow Bunch SASK is not a CKOS repeater.

Ch.7: CKMJ-TV Marquis, SASK, shown as repeating CKTV, but the primary is designated as CKCK-TV on the ch. 2 list. I think CKCK-TV is the correct call sign.

Ch.8: KCAN, Albion NE is a satellite of KCAU/9/Sioux City, not KHGI/13.

Ch.9: KCAU, Sioux City IA, is a primary for KCAN/8/Albion NE.

Ch.9: KABY, Aberdeen SD: should be s-KSFY, not s-KPGY.

Ch.10: KBRR, Thief River Falls MN is Fox affiliate, as is primary station KVRB.

Ch.10: repeated stations for Saskatchewan repeaters CKBI-TV-4 Nipawin and CBKT-2 Willow Bunch are not shown. That's because of lack of information. I could find no record of CBC affiliates in those towns.

Ch.11: KXMD, Williston ND is CBS only.

Ch.12: KXMB, Bismarck ND is CBS only.

Ch.12: KNRR, Pembina ND is Fox.

Ch.12: Saskatchewan stations CKCK-TV-1 and CKMC-TV repeat CKCK-TV, not CKTV.

Ch.13: KXMC, Minot ND is CBS only.

Ch.13: KHGT, Kearney NE is no longer a primary for KCAN/8/Albion NE.

Ch.14: Minot ND should be KMCY, not KCMY.

Tom Yingling questioned why the primary and satellite stations of Kansas State Network were not listed. In checking further, I noticed that the Kansas Broadcasting System primary and satellites weren't listed either. The reason is that the SRDS Spot Data book, which contains a complete list of satellite stations, dis not include any of them. So I raise the question to WFTDA members: are these stations still satellites, or are they now originating their own local programming? Being a local network does not mean they are satellites, and until a member can verify that they are satellites with no program origination, I will follow the SRDS book. According to older records the stations are as follows:

Kansas State Network

KSNW/3/Wichita KS is primary

KSMC/2/Great Bend KS is satellite

KSNG/11/Garden City KS is satellite

KSNK/8/McCook NE is satellite

Kansas Broadcasting System

KTVH/12/Hutchinson KS is primary

KTVG/6/Ensign KS is satellite

KYVS/7/Hays KS is satellite

KLOE/10/Goodland KS is satellite

The following are changes to be made based on further research, probably unreported in recent columns:

Ch.2 KSNK, Great Bend KS: remove s-KARD/3.

Ch.3 KMTV, Omaha NE change from NBC to CBS.

Ch.3 WSTM, Syracuse NY: SRDS does not list it as p-WETM/18/Elmira.

Ch.4 KMOX-TV, St. Louis MO is KMOV.

Ch.5 KSTP-TV, St. Paul MN is p-KSAX/42/Alexandria MN.

Ch.5 KYCU-TV, Cheyenne WY is KGWN-TV.

Ch.5 KOWY, Lander WY is KGWL-TV, and s-KGWC

/14/Casper.

Ch.6 WLUC-TV, Marquette MI is CBS only.

Ch.6 WOVT, Omaha NE change from CBS to NBC.

Ch.7 KCMT, Alexandria MN is C.A.

Ch.7 KVII-TV, Amarillo TX is also p-KVIH/

12/Clovis NM.

Ch.8 KCAN, Albion NE is s-KCAU/9/Sioux City

IA, not s-KHGI/13 as listed.

Ch.8 WWPV-TV Johnstown PA is p-WWCP/23/Al-

toona at this time, but as reported this

month, will become separate and ABC.

Ch.9 KCAU-TV, Sioux City IA is p-KCAN/8/

Albion NE.

Ch.9 KABY-TV, Aberdeen SD is s-KSFY, not

s-KSGY.

Ch.9 KTRF-TV, Lufkin TX is ABC, not A.M.

Ch.9 KWBR, Ogden UT is KULC.

Ch.10 KZTV, Corpus Christi TX is not re-

ported as p-KVTV/13 Laredo in SRDS.

Ch.10 WBNB-TV, Charlotte Amalie VI is C.N.

Ch.11 KCAA, Yuma AZ is still cp and not yet

on the air.

Ch.11 KSNB, Garden City KS is not s-KAKE/

10/Wichita.

Ch.11 KXMD-TV, Williston ND is CBS.

Ch.12 KNMT, Walker MN is C.A.

Ch.12 KVH-TV, Clovis NM is s-KVII/7/Amar-

illo TX, not s-KAMC/28.

Ch.12 KVOS-TV, Bellingham WA is still con-

sidered CBS by SRDS, although I understand

they rarely broadcast CBS programs.

Ch.13 KHGI-TV, Kearney NE is not p-KCAN/8/

Albion NE.

Ch.13 KXMC-TV, Minot ND is CBS.

Ch.13 KVTU, Laredo TX is not listed in SRDS

as p-KZTV/10/Corpus Christi.

Ch.13 KLBK-TV, Lubbock TX is CBS; also

delete the next three lines (a-KTXS, a-KWAB

and a-KMOM).

Ch.13 KGWR-TV, Rock Springs WY is s-KGWC/

14/Casper WY.

Ch.13 WPRV-TV Fajardo PR is ind.

Ch.14 Pittsburg KS station is KJHL, will be

ind.

Ch.14 KCMY, Minot ND should be KMCY, and is

not s-WDAY/6/Fargo.

Ch.14 KGWC-TV, Casper WY is also p-KGWR/13/

Rock Springs WY.

Ch.14 WTTN, Ponce PR is Sp., not WFR.

Ch.15 KPOB-TV, Poplar Bluff MO is not s-

WSIL/3/Harrisburg.

Ch.17 WDBB, Tuscaloosa AL is not listed in

SRDS as p-WNAL/44/Gadsden.

Ch.17 KBNY, Bismarck ND is not s-WDAY/6/

Fargo.

Ch.18 WETM-TV, Elmira NY is not s-WSTM/3.

Ch.19 KCPT, Kansas City MO is not p-KMPT/

22/St. Joseph.

Ch.20 KOPY-TV, San Francisco is Spanish.

Ch.20 WICS, Springfield IL is not p-WICD/

15 Champaign IL.

Ch.23 WLTU, Miami FL: change SIN to Uni.

Ch.23 KNAT, Albuquerque NM is 1191m/387h.

Ch.23 Morgantown NC should be Morganton.

Ch.23 WWPV-TV, Altoona PA is s-WWCP/8/

Johnstown PA and is Fox, although this is

expected to change in the near future. Ch.25

WLAX, LaCrosse WI is ind.

Ch.27 WBGU-TV, Lima OH: indicate cp (from

ch.57) and on the air; also remove "Lima OH

asqt".

Ch.29 KTVF, Fayetteville AR isn't s-KHBS/40

Ch.29 KHNE, Hastings NE is not s-KUOM/12.

Ch.31 WNYC-TV, New York NY is PBS affili-

ate, although not heavily PBS.

Ch.32 WELU, Aguadilla PR is TBN, and on the

air.

Ch.34 KITU, Beaumont TX is PBS.

Ch.40 KTBW-TV, Santa Ana CA is TBN.

Ch.44 WNAL-TV, Gadsden AL is Fox, but is

not listed in SRDS as s-WDBB/17/Tuscaloosa

Ch.44 WSNB-TV Chicago IL is Sp., but not

Uni.

Ch.46 Paradise CA is KBEP.

Ch.47 Delete entire Tuscumbia AL line.

Ch.48 WCGG-TV, Greenwood should have been

s-WHNS/21/Asheville NC, but this is not list-

ed in SRDS.

Ch.48 WREC, Ponce PR is ind.

Ch.57 WBGU-TV, Lima OH: erase data and list

last column as vacant; delete cp chg to

ch.27.

Ch.58 KLCS, Los Angeles CA is PBS.

Ch.62 add vacant assignment to Killen TX,

ch. 62z.

Ch.63 KTIE, Oxnard CA: change mp to lic.

Ch.63 Boca Raton FL is WPPB-TV.

Ch.63 Mineola TX: delete assignment.

Ch.66 WWSH, Marlborough MA should be WWSH.

Ch.66 WETG, Erie PA is on the air.

Ch.67 WMPY, Baltimore MD is WMPB.

Ch.67 WHSI, Smithtown NY is s-WHSE/68/ New-

ark NJ.

Ch.68 WHSE, Newark NJ is p-WHSI/67/Smith-

town NY.

Mexican list: Univision affiliates are

XEPF-TV/2/Nuevo Laredo, XHBC-TV/3/Mexicali,

XEJ-TV/5/Ciudad Juarez and XEWT-TV/12/Tiju-

ana. Fox affiliate, believe it or not, is

XETV-TV/6/Tijuana.

Additional Fox affiliates (for USA list by

channel and by state/city):

WCOV-TV/20/Montgomery AL (not CBS)

KLJB-TV/18/Davenport IA

KDSM-TV/17/Des Moines IA

KADN/15/Lafayette LA

KVHP/29/Lake Charles LA

KBRR/10/Thief River Falls MN

KDBB-TV/27/Springfield MO is ABC, FOX

KAME-TV/21/Reno NV

WUTV/29/Buffalo NY

WCCB/18/Charlotte NC

KNRR/12/Pembina ND

WWLP-TV/56/Hazleton PA

WOLF-TV/38/Scranton PA

WAXA/40/Anderson SC

WJMT/16/Jackson TN

KCIT/14/Amarillo TX

KBVO-TV/42/Austin TX

KCIK/14/El Paso TX

KJTV/34/Lubbock TX

KIDY/6/San Angelo TX

WTVZ/33/Norfolk VA

WVAH-TV/23/Charleston WV

WMSN-TV/47/Madison WI

WPRV-TV/13/Fajardo PR

Other network corrections based on the

latest network lists of the SRDS book. I

suspect that the deletions listed below might

in some cases be oversights, but here they

are:

KTVF/11/Fairbanks AK not on ABC list.

KTVF-TV/29/Fayetteville AR ABC only.

KHSL-TV/12/Chico CA is CBS.

KECY-TV/9/El Centro CA is CBS, NBC.

KRCR-TV/7/Redding CA is ABC only.

KSCI/18/San Bernardino CA is multilingual.

KMVT/11/Twin Falls ID is CBS only.

KLOE-TV/10/Goodland KS is CBS only.

KAYS/7/Hays KS is CBS only.

KSNT/27/Topeka KS is NBC only.

WKBD/50/Detroit MI was not included in the

Fox list.

KCMT/7/Alexandria MN is CBS only.

WTHZ/24/Meridian MS was not on the CBS

list. Seems odd.

KTVH/6/Butte MT is NBC only.

KRTV/3/Great Falls MT is CBS, NBC.

KFBP-TV/5/Great Falls MT is ABC, NBC.

KTGF/16/Great Falls MT is not NBC.

KCPW-TV/9/Kalispell MT is NBC only.

KPAX-TV/8/Missoula MT is CBS, ABC.

KECI-TV/13/Missoula MT is NBC only.

KCAN/8/Albion NE is not on ABC list.

KVVU-TV/5/Henderson NV is not on Fox list.

KXMB-TV/12/Bismarck ND is CBS only.

KBNY/17/Bismarck ND is not on ABC list.

KXMA/2/Dickinson ND is CBS only.

KXMC-TV/13/Minot ND is CBS only.

KMCY/14/Minot ND is not on ABC list.

KUNV-TV/8/Williston ND is NBC, ABC.

KXMD-TV/11/Williston ND is CBS only.

WLIO/35/Lima OH is NBC; not on ABC list.

WUPW/36/Toledo OH is not on the Fox list.

KINT-TV/26/El Paso TX is listed as Univi-

sion, but I question why that and XEJ-TV are

both Univision in the same coverage area.

KGBT-TV/4/Harlingen TX is not on CBS list.

KRIV/26/Houston TX is on both Fox and Uni-

vision lists.

WCBS-TV/8/Charleston WV is not on ABC list.

WBOY-TV/12/Clarksburg WV is not on ABC

list.

WOWK-TV/13/Huntington WV is NBC, ABC.

WOAY-TV/4/Oak Hill WV is not on ABC list.

WDTV/5/Weston WV is CBS, ABC.

KFNB/20/Casper WY is not on NBC list.

KGWN-TV/5/Cheyenne WY is CBS, ABC, NBC.

KGWL-TV/5/Lander WY is only on CBS list.

KFNR/11/Rawlins WY is no on NBC list. (but

KFNE/10/Riverton is!)

WBNB-TV/10/Charlotte Amalie VI is not on

CBS or NBC lists.

Again a reminder: some of these may be the

result of omissions. I left out some of the

obvious ones (like KIRO in Seattle), but most

of the deletions could be considered

unconfirmed.

That's it for this month. Finally got both

the mail and the research caught up. Tom

Yingling showed me a way to vary the pitch on

the printer. As you can see, this month's

FORUM is back to the original size type. So

maybe next month I should be able to make the

data section a bit more legible.

ANARC UPDATE

CHANGES

I had planned to write about the loss of New York City's last three letter television call letters. But the first half of 1987 has brought many more changes to the New York Media scene.

Call letter changes for New York Television stations rarely occur, but this year has seen the call letter change of two major stations. The first was when WNEW channel 5 became WNYW. This was the first call letter change of a major New York television station in over 20 years. And then a couple of months ago WOR channel 9 became WUOR. Both changes were made necessary by a change of ownership and the separation of these stations from their AM and FM outlets.

Then on July 1st, New York lost another three letter call when WMM (1050 KHz) became WFAN. This was due to a change of format. WMM had, what I thought was a popular country music format. They had DJ's that made the station fun to listen to even if country music was not a favorite type of music. The station with the "Most famous call letters in country" became WFAN at 3pm on July 1st and traded its music format for an all sports format!

When New York City lost another music station on AM, one has to ask "Why can't music stations on AM survive in major cities?" Are all these "All talk" radio stations really that popular? Now those people like me who only have AM radios in their cars are stuck listening to classical music, big band, salsa or gospel if we do not like All talk. Or we have to put up with poorer reception from out of town stations that still play pop music. Is AM radio really dead in New York City and other major cities in the U.S.A.?

Although AM radio seems dead in our major cities, the media scene changes very quickly. Today's most popular station can be in last place in the ratings by next year. If one station comes up with a popular format, others will change to compete. (Once we thought that top 40 radio was dying, now it is extremely popular in a variety of forms.) So while I lament the changes that have taken place, I am hoping for a better future. And for the time being, I'll listen to those Connecticut stations that still play music!

Here's some slogans I'd like to hear on some stations- "All Talk, All Boring!" and "The best blend on the band!".

There is one television program that I'd like to recommend. The program is called SOUTH AMERICAN JOURNEY. It is shown on PBS on Tuesday night and at other times during the week. It is an 8 part tour of 8 South American countries. Each program deals with a different subject such as 'Why dictators are so popular' and 'What happened to the Incas?'.

I'd like to thank Glenn Hauser for mentioning WTFDA on his program World of Radio. If you haven't heard his program and you have access to a shortwave radio, please listen. You'll become a regular listener. I can't finish a week without listening to World of Radio.

I see that some Northeastern DX'ers have gotten our LPTV station W44AT Hicksville. Actually the station is not in Hicksville and does not even have a good signal in Hicksville. The transmitter is located in Mineola and the station broadcasts west towards Queens and Brooklyn. The station has the oddest programming. It is similar to an open access channel on cable. In fact, many of the programs are seen on Manhattan cable's open access channel. The station has a

less time programming format. This allows anyone who wants to, and can afford it to produce and show their own shows. The station does not have a set schedule. It is on when there is programming. The programming is as varied as can be. They have preachers from Brooklyn, a psychic that tells the future from telephone calls, and a program produced in Israel. "TV 44" is not the first such station on Long Island. It is actually a reincarnation of W63AC Westbury, which was on the air about a year ago and then mysteriously disappeared.

That's it for this month.



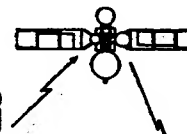
9

73's

10

Steven P. Sprachman

SATELLITE NEWS



GEORGE W. JENSEN
4604 Annapolis Avenue
Baltimore, MD 21206-4220

This is a possibly short column, but, make no mistake, there are several unusual goodies to report this time around.

First a comment concerning Glenn Hauser's comment in the Television News section concerning the W L T V stereo pilot, but no real stereo noted. On the Univision satellite feeds there are also 2 audio sub-carriers, but they do not transmit anything - as yet - in stereo. The same is also true of co-owned Galavision. Many other services on satellite also do the same, but do not necessarily transmit in stereo. They generally use the 6.2 and 6.8 sub-carriers. Televisa in Mexico City which supplies many of their programs has not been noted with any stereo channeling as yet.

I have received several items from David R. Alpert in New York City from several wire services. Not a real surprise to some is word from Western Union that Westar III (91W) is being phased out of operation with its various audio services being moved to Westar IV (99W). Services involved would include:- United Press International and others. NBC has reached an accord with Netlink of Denver to make NBC programs available to dish owners over K C N C of Denver. But, the programming can only be sent to those people living in areas not serviced by an N B C affiliate. The A.P. report also states "The agreement comes as N B C prepares to scramble its satellite feeds to affiliate stations."

COMSTAR WITH VIDEO - Long silent at 76W - Long color bars with silent audio carrier have been noted for prolonged periods of time on XPR 1-V. The signal strength has been extremely variable from literally almost nothing to quite good - as if they are trying to set it to different footprint areas. At one time Colombia had been thinking of locating Colsat here, but this has not yet occurred and with launchings being at a virtual standstill, I wonder if this might be a possible use for this satellite, which still has several years of life left. This might account also for the variable signal as attempts are made to re-beam it.

Galaxy II - I. D. B. L.A. mentioned last month is the First Run - Pay-per-view service which used the Sony encryption system. XPR 2 seems to be for Eastern Time zones and they are also on XPR 4 at a later time - possibly for the Western Time zones. Also - XPR was used by H B O for its July 14th Vietnam Veterans Special - encoded, but available to VCII units. It was not addressable.

RCA K-2 - I N D X News feeds are noted on XPR "10-A" in the afternoons.

SPACENET II - now has C-Band video. The Telstar Pay-Per-View service is apparently moving to this bird. XPR's 1, 9 & 23 and VCII encrypted, but XPR 11 is being used as a barker channel and is in the clear. The Spacenet birds are most unusual. Spacenet 1 uses C-Band for many video services and its K-Band for non-video services. I have seen video only once on K-Band. Spacenet II is the opposite. There is frequent video on its K-Band, but non on its C-Band.

Peace Channel on Westar IV 24V has apparently failed. I guess people didn't "Give Peace A Chance!"

Color Bars - I hope to have some photos of some of those used by European systems available soon. This would make for a rather unique type of booklet perhaps? That's all for now - see you all in 1 month

'73's

11

TV STATISTICS

Bob Seybold
10567 Bennett Rd.
Dunkirk, NY 14048

DXer	Location	Total	UHF	XLTR	ES	AU	MS	YB
Bob Seybold	NY Dunkirk	1032	526	122	197	6	30	50
Bill Draeb	WI Kewaunee	915	386	106	193	1	113	53
Jeff Kadet	IL Macomb	758	420	99	163	0	1	83
Bill Eckberg	IL Dixon	608	311	48	134	1	26	55
Don Ruland	WI Kenoska	539	272	39	93	0	31	71
Paul Gaines	MI Detroit	527	249	23	81	0	28	73
Jim Pizzi	NM Lovington	523	239	150	189	0	19	81
Marvin Shults	IL Toulon	501	205	27	123	0	26	??
Mike Lapinski	NY Jamestown	500	292	56	48	0	1	78
Tom Yingling	MD Baltimore	485	216	26	157	0	13	70
Dave Nieman	NY Akron	411	282	47	60	0	4	84
Fred McCormick	ND Fargo	394	81	105	113	2	1	74
"	ND Des Lacs	373	28	31	213	0	45	64
Robert Kramer	IL Chicago	388	160	10	90	0	30	??
Mike Hollis	AL Enterprise	371	175	11	75	0	13	80
Roy Barstow	MA Teaticket	352	188	32	84	1	5	71
Robert Grant	MI Detroit	351	135	7	106	1	22	78
"	MI Honor	171	27	0	80	0	10	79
Robert Grant	MI Carleton	20	13	2	1	0	0	87
Nate Ely	WI Madison	315	180	33	35	0	2	??
Frank Wheeler	PA Erie	297	68	1	228	2	5	55
Fred Norquist	NY Clay	285	147	21	71	0	3	69
Richard Reese	PA Jersey Shore	262	45	0	152	0	28	79
Robert Ross	ON London	252	122	0	74	0	1	77
W. R. Hepburn	ON Niagara Falls	242	84	6	84	0	0	76
"	NWT Coral Harbour	10	0	0	9	0	0	84
W. R. Hepburn	NWT Hall Beach	1	0	0	0	0	0	84
Allan Michalek	MA Springfield	216	64	6	101	0	0	??
Mike Cunningham	WV Harrisville	195	102	3	43	0	0	83
Ron Purdue	MN Byron	193	97	34	69	0	0	81
Bob Schweitzer	NJ Old Bridge	183	110	17	4	0	0	76
John Combs	FL Jacksonville	166	93	9	31	0	0	??
Saul Chernos	ON Toronto	161	6	0	94	0	0	76
"	ON Brunt River	60	23	0	12	0	0	79
Steven Sprachman	NY Seaford	154	84	0	0	0	0	77
John Broomall	GA Waleska	143	90	1	12	0	0	??
John Jefferson	CA Pleasanton	142	54	18	64	0	1	76
Eric Bueneman	MO Hazelwood	83	28	1	25	0	0	81

Some personal best from Robert Grant - Detroit, MI listed below:
 Longest unid: Eastern Europe ch. R1 F2 skip
 Longest E-skip: KREM-2 Spokane, WA 1702 miles
 Shortest skip: WSTM-3 Syracuse, NY 328 miles
 Longest MS: KDUH-4 Scottsbluff, NE 1035 miles
 Shortest MS: CKCO-2 Warton, ON 197 miles
 Longest tropo, low band: WCYB-5 Bristol, TN 414 miles
 high band: KARE-11 Minneapolis, MN 541 miles
 UHF: KITT-29 Minneapolis, MN 540 miles
 Longest aurora: WCCO-4 Minneapolis, MN 541 miles
 Longest lighting scatter: CKGN-22 Uxbridge, ON 222 miles

Best DX
73,
Bob

SATELLITE NEWS

GEORGE W. JENSEN
4604 Anntana Avenue
Baltimore, MD 21206-4220

A lot of good, hard news this month. If published soon enough, this may be the first place you will get this information. Listed below are the launch dates for the Ariane - French Guiana - space facility:

Date	Satellite	Possible Location
8-87	Aussat 3	164 E
	ECS 4	10 E ?
10-87	T V Sat 1	19 W
12-87	G-Star 3	136 W
	Telecom 1	8 W
1-88	Meteosat P2	?
	Amsat	15 E
3-88	Panamsat	57 W
	Intelsat V F-13	53 W
4-88	TDF 1	19 W
5-88	Spacenet 3R	87 W
	Geostar R02	?
	SBS 5	122 W
6-88	ECS 5	13 E ?
	Insat 1C	93.5 E
9-88	Astra 1	19 E
	MOP 1	?
10-88	Intelsat V F15	50 W
11-88	Tele-I	5 E
	Skyenet 4B	?
1-89	Olympus	19 W

While many of the above are not domestic sats for this area - some are - such as SBS 5, GStar 3 and Spacenet 3R. Some of the others, such as Panamsat and the Intelsats may, with proper equipment, be seen in some U.S. areas.

In the last column, I mentioned video from Comstar 4. This is indeed Comstar and there is a very good reason for the variable signal, but it is not because of spot beaming. I will mention here that SBS-1 which has been inactive of late, now has similar color bars on 1 transponder. Why mention this when Comstar was the original topic? The 2, in a very complicated way, are related. The Comstar sat is being tested with what is called the Comstar Maneuver, where the bird will be allowed to drift - which is normal (all satellites do this, but rocket power boosters enable them to be repositioned quickly). By not continually correcting the drift of the Comstar bird - fuel is saved - prolonging the life of the satellite. To receive uninterrupted signals, though, you would need to have up and down motion on your dish to compensate, though attempts will be made to redirect the beam. This could preserve the life of this supposed dead satellite. Comsat - which owns Comstar - has purchased SBS 1 - which is also past life - and plans to execute a similar tactic on it. In addition to allow this - SBS-1 will be moved to 101 W, SBS-2 (they also bought this one) to 75 W, with SBS-1 being allowed to drift to 75 W in 1989 and SBS-2 being again moved elsewhere. The 2 Comstars will also be moved to 101 W.

Newness

The Viacom transfer to Galaxy 3 has begun:

XPDR	Service
12	C-Span 2 (Senate)
13	The Weather Channel
15	VH-1 - Encoded VCII
17	MTV - Encoded VCII
18	???? - Encoded VCII
19	Nickelodeon - Encoded VCII
21	Viewer's Choice - Encoded VCII

On Intelsat V F3 - 53 W

XPDR	Service
1	Cable 3 - Buenos Aires, Argentina (PAL system)
3	Cable 3 - Buenos Aires, Argentina (PAL system)
12	Visnews - London - direct feeds (PAL system)
18	TV Peru Ch. 7 - Lima, Peru - NTSC system
24	A T C - Ch 7 - Buenos Aires, Argentina (PAL system)

That's all for this month - see you next time---

'73's

NWS



Matt Sittel
220 Brookfield Drive
Kingsport, TN 37663-9777
(615) 239-9186

DEADLINE: 10-1-87 for
11/87 VUD column

SEPTEMBER 1987

SEPTEMBER 1987

A LOOK AT WHAT'S NEWS FOLLOWS THE WEATHER: Well, which has been hotter-June 1987's E-skip or July 1987's temperatures? As of August 1st-Kingsport has gone 19 days without more than a few drops of rain, and we've also had 14 consecutive days of 90+ highs (normal is 86) July 25th peaked at 98. And I hear we're cool compared to other areas who've been well past 100. The MUF's been past 100, though. Many times, in fact. June 29th saw the MUF hit ch8 at 1840-but no NWS-if you got any, please report it-maybe you were luckier than I. I've got news on the Canadian NWS scene-so stay tuned!

Greg Coniglio, 5100 Glenwood Drive, Williamsville, NY 14221

Equipment: Realistic Weatheradio Model 12-151A w/telescoping antenna. (My receiver, too-it appears to be the best inexpensive receiver-about \$20-well worth it, if you want better performance than the "cube" but can't get a scanner.-mcs)

162.40 KHA-53	Rochester, NY (has Buffalo radar)	65	(I calculated Greg's mileages-)
KEC-58	Erie, PA	90	so you can see how well the
162.55 KEB-98	Buffalo, NY (local)		12-151A can perform-mcs)

On 162.4, KHA-53 is common at night and during the winter, while KEC-58 comes in most often in the summer on warm, sunny days. And, for some reason, KEC-58 is there in almost every E-skip. (I've noticed the same with WQXI-94.1-mcs) On 162.475, interference from KEB-98 prevents any DX. (Same w/WXX-47 here-mcs) A few times when KEB-98 has been off the air, I've checked for XMJ-225 Toronto, Ontario, but I still didn't get it. Even in Niagara-on-the-Lake, NY, where the CN Tower (location of XMJ-225 transmitter) is easily seen across Lake Ontario, XMJ-225 is barely audible. (See my findings later in the column on them-mcs)

Can someone help me with an unID on 162.55 MHz? I once nulled KEB-98 during a Detroit tropo on FM, and heard a marine channel. They were giving Environment Canada forecasts for Lake Huron, Lake St. Clair, and Western Lake Erie. Does Windsor have a station on 162.55? (No, but Detroit does-I believe I heard the same thing you did when I was there in June-I found it confusing as well-that's a great catch at about 220 miles from you! -mcs)

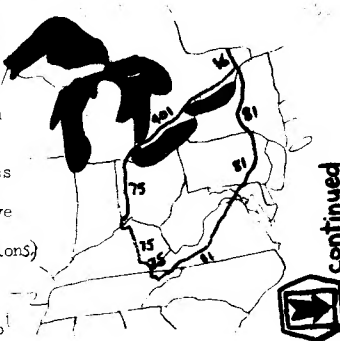
(Also, Greg pointed out that the information in the July column was actually Rochester, Minnesota-my list has all of the cities in alphabetical order, and I looked at the wrong one-thanks for pointing it out, Greg. The correct information is as follows:)

ROCHESTER, NY	KHA-53	.400	500	43.08'	77.35'	1093	350
---------------	--------	------	-----	--------	--------	------	-----

John Combs dropped me a card saying "on 6/15 at 2021 EDT I heard a NWS station by Es on 43.22 MHz. It mentioned the Great Lakes and gave forecasts for NW PA, so I assume KEC-58 Erie, PA. I sure wish someone would explain these bizarre receptions to me." I have no idea, John. If anybody does have an idea, let us know!

Since New York and Florida have already appeared as the spotlight state-I'll spotlight what I heard traveling to and from Canada

I was gone from 6/11 to 6/18 (looks like I missed some Es then) and followed the route you see at right. Not much to speak of on the way up to Canada, nothing much out of the ordinary. I heard Lexington & Covington/Cincinnati in Kentucky, in Ohio-Dayton, Lima, and Toledo, and in Michigan, Detroit. Lima's NWS is programmed from Dayton's NWS office. Covington/Cincinnati's NWS, although it says it is 1000 watts, was rather difficult to receive. Lima's NWS had the strongest signal (I guess because it serves a larger area-it's 1000 watts, too.) CANADA: I was kind of surprised that Windsor didn't have an NWS station (their weather service is known as Environment Canada-and all their stations are Weatheradio stations). But, I guess Detroit's NWS does a good job in serving the Detroit vicinity, including adjacent sections of Southwestern Ontario. As a matter of fact, I noticed Detroit's NWS was still in about 45 miles into Ontario!



NWS NEWS

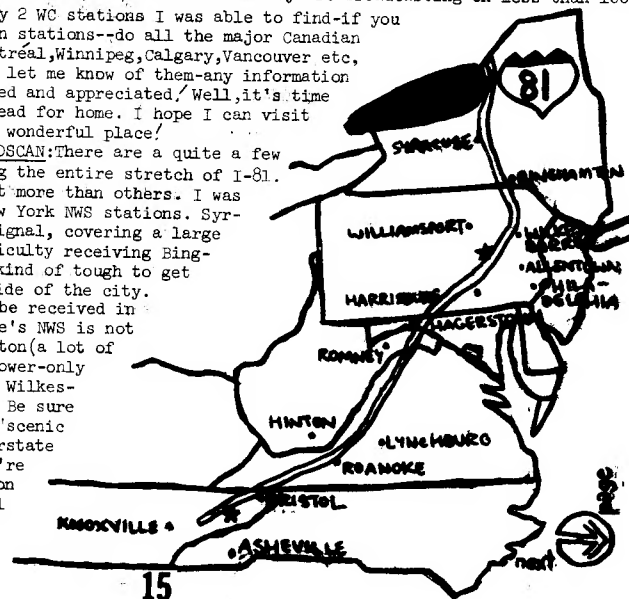
-page 2-

SEPTEMBER 1987

I was even more surprised that London didn't have an EC station-but what I did notice was virtually everywhere I went in they had CFPL-FM 95.9 on-from the Holiday Inn to the Burger King to the 7-11. Now that's a domination of market if I've ever seen one. While looking for FM ID's near Chatham-CXSY-95.1 said "Environment Canada has issued a severe weather watch (not thunderstorm as in the US) for southwestern Ontario. CFPL was running advisories, too. But Toronto's EC station could not be received until about 15 miles west of Toronto. By that time a line of severe storms was barreling down from the north of the metro area that would later spawn a tornado 4 miles away from the hotel (which I did not see) Toronto's WC station, XMJ-225 on 162.475 MHz finally was strong enough to record clearly (at the hotel). But, I was able to record their severe weather watches and warnings. Their transmitter is located on the CN tower in Toronto.

Inside the CN tower, they have a display about Weatheradio Canada and XMJ-225. If you'll remember July's column, Dave Nieman said that he thought that nearly 100% of their signal was sent to the north. I believe the same, too-since their signal is poor to the west and east of Toronto-so north is the only direction left (and besides, the CN tower is right on the lake, and metro Toronto spreads to the north, so a directional signal to the north is probably true.) But, their display would lead you to believe differently about their coverage area. I drew a map of what their display showed above-which I have only a color photo of. Their ID goes as follows: "This is Weatheradio Canada station XMJ-225 broadcasting from the CN tower on 162.475 megahertz. Our studio's located at the Toronto Weather Office-then a message in French, which I can't translate completely, but says something to the tune of "for the weather in French, dial 676-4671." Unfortunately, I didn't remember to call and see what it was while I was there. During the severe weather outbreak-after they said "Toronto Weather Office" instead of the FF message they said "Due to severe weather occurring in our immediate listening area, normal broadcasting has been curtailed-normal broadcasting will be resumed when the severe weather has passed." Also, while in Toronto, I was able to receive KEB-98 from Buffalo at 63 miles-too bad it doesn't work both ways. I really didn't expect to hear another NWS station in Canada, until I heard Ottawa's WC station, XLJ-696, on 162.40 MHz. Whereas Toronto's complete cycle of programming was about 4 minutes, Ottawa's was about 8 minutes. Why? Because of its close proximity to Hull and Quebec, everything that is said in EE is also said in FF. Sometimes a forecast would be in EE and its FF translation would directly follow it-but sometimes they were in no set order. Their ID, which was translated into FF directly after the EE, went like this: "This is Weatheradio Canada station XLJ-696, broadcasting from the Camp Fortune tower on 162.40 megahertz. Our studio is located at the Ottawa Weather Office." Their forecasts cover a fairly large area-they say "the Ottawa Valley including the cities of Ottawa, Hull, and for southeastern Ontario including Brockville and Cornwall." (I couldn't get XLJ-696 in Brockville, even though it was 63 miles, too. I wonder if they are broadcasting on less than 1000 watts. Those were the only 2 WC stations I was able to find-if you know of any other Canadian stations-do all the major Canadian cities have them-like Montreal, Winnipeg, Calgary, Vancouver etc. If you know of any please let me know of them-any information on ANY WC station is needed and appreciated. Well, it's time to leave Canada now and head for home. I hope I can visit Canada again soon-it is a wonderful place!

SPOTLIGHT #2-THE I-81 BANDSCAN: There are a quite a few NWS stations to hear along the entire stretch of I-81. But some places have a lot more than others. I was only able to receive 2 New York NWS stations. Syracuse has a very strong signal, covering a large area. I had a little difficulty receiving Binghamton. Their signal was kind of tough to get until about 15 miles outside of the city. Quite a few stations can be received in Pennsylvania. Wilkes-Barre's NWS is not extremely strong in Scranton (a lot of it has to do with their power-only 250 watts.) The signal in Wilkes-Barre wasn't much better. Be sure to take advantage of the "scenic overlooks" along the interstate in Pennsylvania (and they're usually great for reception in most states) for you'll find some good signals,



which is exactly what I found near exit 34. I could receive on 162.40-Williamsport and a very weak Allentown. On 162.475-Philadelphia, and on 162.55-Harrisburg, which appears to be more powerful than its 250-watt Philadelpia, Harrisburg's NWS station is very strong throughout southeastern Pennsylvania. Hagerstown, Maryland's NWS station serves portions of Pennsylvania, Maryland, West Virginia, and Virginia-as they frequently say "the 4-state listening area". West Virginia's NWS stations at Romney and Hinton are far away, and difficult to receive. On the other hand, Roanoke's powerhouse station is audible 100 miles from Roanoke on I-81. Lynchburg is another tough station to get-but I have heard it before in the city of Roanoke. Bristol (i.e. my local NWS) puts out a fairly strong signal about 60 miles to the southwest on the interstate, and about 45 miles to the northeast. Knoxville is hard to get outside of about TN mile 12-with Asheville in weak all the way up to Kingsport (i.e. up to my address) Most of what I've told you above is true for a moving vehicle-some conditions may be even better if you stop, say, at a rest area and listen. Now, a look at the specifics:

CITY	CALLS	FREQ.	POWER	LATITUDE	LONGITUDE	MSL	HAG	COMMENTS
SYRACUSE, NY	WXL-31	.550	1000	42.58°	76.12°	1450	140	
BINGHAMTON, NY	WXL-38	.475	1000	42.04°	75.54°	1757	200	
WYLS-BARRE, PA	WXL-43	.550	250	41.10°	75.52°	2348	100	← has low power "beep"
WILMSPORT, PA	WXL-55	.400	1000	41.11°	76.58°	1990	140	← tower on WKSB-FM
ALLENTOWN, PA	WXL-39	.400	1000	40.34°	75.26°	1285	280	← tower on Bald Eagle Mtn
PHILADLPA, PA	KIH-28	.475	1000	40.03°	75.14°	423	300	both ins and wxl-55 have recently had their
HARRISBURG, PA	WXL-40	.550	250	40.20°	76.52°	1800	500	power upped from 250
HAGERSTOWN, MD	WXM-42	.475	1000	39.39°	77.58°	1855	415	
ROMNEY, WV	WXM-73	.525	1000	39.18°	78.43°	1900	50	
LYNCHBURG, VA	WXL-92	.550	1000	37.26°	79.07°	901	81	← gives forecast for 100 miles west of Roanoke in VA!
ROANOKE, VA	WXL-60	.475	1000	37.10°	80.12°	3845	75	← way up above Roanoke,
HINTON, WV	WXM-72	.425	200	37.46°	80.42°	4045	100	highly enhance the huge coverage area!
BRISTOL, TN	WXX-47	.550	500	36.26°	82.06°	4425	125	← lower power but huge coverage area!
ASHEVILLE, NC	WXL-56	.400	250	35.25°	82.45°	5751	300	← lower power but huge high T's help them to increase
KNOXVILLE, TN	WXX-46	.475	1000	36.00°	83.56°	1505	150	

then, I-81 ends, and has a junction with I-40 (next column's spotlight road) ~~the average area~~. Bristol's NWS is called, over the air, "Tri-Cities"-as it's programmed from the NWS office at Tri-City Airport, just 5 miles away from me. Note that the cities are listed in the order that they are received. Also, in case you haven't noticed, the "under latitude and longitude means degrees-since the typewriter I use has no degree key [At the I-81 rest areas near Greeneville, TN, you can receive Bristol, Knoxville, and Asheville, all at the same time. Maybe I can from here when (and if I'm not sure yet) I get a scanner. Any reviews, comments, articles, etc. you may have would be greatly appreciated. If you need information on NWS receivers-let me know.

.....NEWS FLASH.....BULLETIN.....SPECIAL WEATHER STATEMENT.....SUPER DX.....
While I was working on this column, John Combs sent in this super report about some NWS Tr:
John writes:

Had some decent tropo which brought in some good NWS loggings:

JULY 1987				JULY 1987				
20 Tr	0521	KHB-31	.400 NC Wilmington	350	21 Tr	1447	WXJ-23 .475 SC Beaufort	160
0543	KIG-77	.400 NC Cape Hatteras	500	(heard often, but never before at mid-day!)				
0543	WXJ-20	.440 SC Columbia	260	2208	WXM-65	.525 GA Baxley	105	

EQUIPMENT: Regency Z30 scanner, whip antenna.

I've now heard 15 NWS stations in 5 states with one by E-skip. (That gets you #1 in the NWS Statistics list, if enough people send in their totals I'll list them in a future NWS News column.-mcs)

I hope you liked the bandscan listing I did. Next time I'll spotlight I-40. I've been on about 90% of the entire North Carolina to California interstate. If you have any bandscans of highways of any kind, send them in.

OTHER NWS NOTES: I had hoped by the time I was typing this up that I would have the tape of NWS stations completed-unfortunately I've not had time to do so. I've been editing the FM ID's for another "ID Tape", which is getting close to complete. Maybe next time I'll have it completed. Also, in the May column I told you there would be something in the September column about "the AIARM". Somehow I forgot to do that. And, unfortunately, there's no room to put it in this column. Next time I'll tell you what I meant to tell you about "the AIARM" 2 columns ago. Hopefully next time things will be straightened out and everything will be in the column, and I can tell you what "the AIARM" is all about. Did you know that KHB-36 in Washington occasionally runs a talk show, where they speak to someone about a weather-related topic. Unfortunately I don't have it recorded, but it seems to me like it use to be about 5 minutes long and come on at 9:15AM. (or was that 9:10AM-I'm not sure-maybe somebody up that way can tell me) I remember when I heard it I thought I was

being overridden by pirate NWS'ers. Does New York or Los Angeles or Chicago do that?
NEXT TIME: The I-40 spotlight, the long-awaited (and long-forgotten) ALARM story, and maybe
some NWS Es. (atmosphere permitting) 73's mth

EASTERN TV·DX

John F. Combs
1308 Willow Branch #24
Jacksonville FL 32205

(904) 389-2451

DEADLINE: 1st

LOGGING OF THE MONTH: Roy Barstow's tropo logging of WBTW-13 Florence SC at a distance of 710 miles (7-23)

HIGHEST E-SKIP M.U.F. NOTED: Up to channel 8 by both Matt Sittel (on 7-29) and Robert Grant (on 7-17)

MYSTERY LOGGING OF THE MONTH: John Buehler's logging of a KAKE-10 KS ID on channel 4

MOST EXCLAMATION POINTS USED IN ONE REPORT: Matt Sittel

THE "PRODIGAL DXER RETURNETH" AWARD: Former fellow Floridian (say that 3 times fast!) Ken Simon, now twiddling the dials in Ohio

PLUG OF THE MONTH: Roy Barstow on the new Television Data Base: "BUY IT--
YOU'LL LIKE IT!!"

If this column looks like it was typed rather than printed out by a computer...score one for you. My ailing disk drive is in the hands of a friend who is supposed to be doctoring it (he's had it for a week and a half and hasn't called me yet), so I'll have to hunt and peck at my trusty Smith-Corona, keeping the Liquid Paper people in business. It's a good thing I don't make too many mistakes!

Roy Barstow, POB 488-T, Teaticket MA 02536			
JUNE 1987		JUNE 1987	
18 T	2200	WVEC-13	VA 455
	2200	WHRO-15	VA 455
	2200	WYAH-27	VA 455
	2200	WTVZ-33	VA 455
	2230	Onancock	VA xlttrs
	2300	WUNM-19	NC 575
	2300	WLFL-22	NC 590
	2330	WNCT-9	NC 550
	2330	WITN-7	NC 540
19 T	0010	WUNP-36	NC s/off
	0022	WFTF-28	NC 600
	0100	WFTY-50	DC 350
	0122	WVIR-29	VA 485
	0150	WXEX-8	VA 450
25 T	2200	WLVT-39	PA 260
	2200	WBFF-45	MD 350
		JUNE 1987	
	25 T	2200	WJKL-24 MD 350
			WBFF-45 MD 350
		to	WAPV-54 MD 350
			WAPB-22 MD 360
			E. PA 8,16,21,22,
			28,43,44,51
	2400	WVEC-13	VA 455
29 T	2145	VA 15,27,33	455
	2145	Onancock	VA xlttrs
		JULY 1987	
	6 T	0000	WMDT-47 MD 340
		0000	WCPB-28 MD 340
		0030	WJKL-24 MD 350
		0030	WBFF-45 MD 350
		0030	WNUV-54 MD 350
		PM	E. PA including:
			WPMZ-69 PA 260
		JULY 1987	
	22 T	E. PA, MD, VA:	"typical Eastern seaboard stuff for summer..."
	23 T	"An all-nighter..."	
		WITN-7	NC 540
		WNCT-9	NC 550
		WCTI-12	NC 575
		WBTW-13	SC 710
		WPDE-15	SC 710
		WUNM-19	NC 575
		WHMC-23	SC 700
		WTAT-24	SC 770
		WJKA-26	NC 660
		WUNP-36	NC
		WTKR-3	VA 455
		"+ all E. PA, MD	11,13,16,22,
		24,28,45,47,54,	DC Hs. VA

EQUIPMENT:

CM Super Bandsaw UHF antenna at 33'

CM 1273 Super Vector Hi-band at 29'

CM 1226 Super Vector Lo-Band at 23°

BT Vaulter III Plus amp, rotor. "El

recent Zenith color set, Teknika 6510 tuner

"I am sure anyone at the dials on 7-23 stick around for a few hours. Had ME, NJ, VA, SC, and MD on 13--at times it seemed like E-skip! A total of 34 VHF and 86 UHF for 120 stations in one opening. This is the best it gets on the east coast. The opening of 6-18/19 was the first this year to go past VA on 7-13, blotting out NYC."

"I have to praise the Teknika tuner. If something is there you get it, at least frame bars. I have unauthorized cable going to it from upstairs and this helps a lot as NYC 9 and 11 are on cable. If DX is in, I just push the ANT A & B buttons and can tell if it's NYC or something else...About the EXCELLENT TELEVISION DATA BASE--as they say on the Johnny Carson show, everything you wanted to know about TV stations is in that one manual! Fox network is there, HSN is there, etc. BUY IT--YOU'LL LIKE IT!!!" (I agree, Roy! It's well worth the paltry cost, and invaluable to the serious TV-DXer--jfc)

Robert S. Ross, VE3JFC, Box 4373, Stn. C, London, Ontario N5W 5J2					
<u>JULY 1987</u>		<u>JULY 1987</u>		<u>JULY 1987</u>	
14 E 1800	KGWN-5 WY	16 E 1628	WNL-4 IA	20 T 1940	WNYB-49 NY
	(ex-KYCU)	1642	<u>KXAS-5</u> TX		(Testing)
2130	WKRQ-5 AL				

EQUIPMENT: Toshiba 12", FM beam, UHF Flying Arrow.

Ken Simon, Box 232, Sidney OH 45365-0232

JULY 1987 JULY 1987
 25 E 2145 unIDs-2,3 NBC 26 T 0900 WBAO-49? OH T
 T 2330 WKNC-24 OH 100 28 T 0630 unID-31
 26 T 0900 WQHS-61 OH 155 0630 WFFT-55? IN T

"Using portable TV with whip antenna. So far only OH, IN, KY, MI. Regulars & semi-regulars are WDTN-2, WCMH-4, WLTW-5, WTVN-6, WRTV-6, WHIO-7, WISH-8, WCPO-9, WBNC-10, WKRC-12, WTHR-13, WPTO-14, WANE-15, WPTO-16, WXIX-19, WYFI-20, WPTA-21, WKCF-22, WTJC-26, WTTT-28, WKJG-33, WOUL-34, WLIO-35, WBGU-27, WPHB-40, WKOL-43, WTLN-44, WRTG-45, WCET-48, WXIN-59, W63AH." (welcome back, Ken! I'm now employed by a philatelists' newspaper...that's stamp collecting, if you don't have your Punk and Wagnall's handy!--jfc)

Matt Sittel, 220 Brookfield Drive, Kingsport, TN 37663

JUNE 1987 JUNE 1987
 19 E 1227 TV6-2,3,6 CUBA 22 E 1059 KJAC-4 TX 812
 "video weak, but 1059 KMOL-4 TX 1053
 audio super at 87.75" 1100 KIII-3 TX 1055
 1250 WPBT-2 FL 747 1129 KACB-3 TX 1088
 1321 unID-4 w/ 1140 KBTX-3 TX 911
 "Unidad TV" 1238 unID-3 PBS
 1326 TR-4 CUBA 1500 KATC-3 LA 702
 1610 KDFW-4 TX 864 2300 KJRH-2 OK 747
 1612 KENW-3 NM 1206 2304 unID-4 NBC
 1615 4 unID's on 3&4 23 E 0001 KAMR-4 TX 1116
 1619 unID-6 T 0001 WSMV-4 TN 246
 1628 KMID-2 TX 1174 E 0002 KMID-2 TX 1174
 1630 KFDX-3 TX 936 0003 KENW-3 NM 1206
 1632 KIDY-6 TX 1088 2011 KSNW-3 KS 819
 1651 KAUZ-6 TX 936 2012 KLBV-4 KS 1033
 1720 unID-6 2012 KSNK-2 KS 903
 1729 KSNW-3 KS 819 2028 KTVK-6 KS 975
 1729 KFX-3 TX 911 24 E 0025 unIDs-2,3,4
 1759 KLANE-3 NE 958 1155 CHSJ-4 NB 1055
 1804 KTVS-3 CO 1152 1202 unID-4 NBC
 1838 KCNC-4 CO 1242 T 1230 WAVE-3 (IN) 230
 1906 KOTA-3 SD 1233 E 1708 CBHT-3 NS 1116
 2027 unID-2 25 E 0929 KACB-3 TX 1088
 20 E 1029 CFM-4 PQ 927 0951 KRMA-6 CO 1242
 1058 CBHT-3 NS 1116 0958 KTVK-6 KS 975
 1129 CFAP-2 PQ 927 0959 KLBV-4 KS 1033
 w/3/4 CB TP-TQS net. 0959 KCNC-4 CO 1242
 1207 unID-3 FF 0959 KFDX-3 TX 936
 1226 unID-4 CBC EE 1025 KTVY-4 OK 837
 1259 KENW-3 NM 1206 1028 KLANE-3 NE 958
 1830 KXJB-4 ND 1076 1028 KOET-3 OK 742
 1904 KTVY-4 OK 837 1056 KSNW-3 KS 819
 1906 KOET-3 OK 742 1101 KSNK-2 KS 903
 1928 KGBT-4 TX 1166 1129 KWNB-6 NE 1040
 1932 KIII-3 TX 1055 1130 KSNB-4 NE 878
 1959 KWAB-4 TX 1120 1229 KDUH-4 NE 1206
 21 E 1037 6 unID's-2,3,4,6 1303 KOTA-3 SD 1232
 1102 KMTV-3 NE 797 1329 KUSD-2 SD 878
 1103 KWSB-4 ND 1346 1334 KPRY-4 SD 1098
 1105 KBME-3 ND 1179 26 E 1958 KBTX-3 TX 911
 1126 KLANE-3 NE 958 1958 unID-4
 1128 KSNB-4 NE 878 1959 XHPN-3 COA 1177
 1800 KGAN-2 IA 623 w/full ID!!
 1815 5 unID's-3,4,6 2005 KMID-2 TX 1174
 1851 MUF 106.3 to IA 2021 KIII-3 TX 1055
 1757 KDLH-3 MN 882 27 E 1000 unIDs-2,3,4
 1958 KSNW-3 KS 819 28 E 2058 KTVI-4 IA 855
 2000 KDLO-3 SD 990 2100 unIDs-2,3-ABC
 2100 KOTA-3 SD 1233 29 E SUPER DX DAY-First hi-
 22 E 1027 WBRZ-2 LA 645 band Es I've ever seen!
 "last seen 2/5/85" 0959 KGBT-4 TX 1166
 1029 KDFW-4 TX 864 1015 KIII-3 TX 1055
 1030 KFDX-3 TX 936 1029 XEFT-2 NL 1302
 1030 KRIS-6 TX 1055 1121 unID-4 SS
 1030 KFDX-6 TX 806 T 1159 WOAY-4 WV 110
 1032 KMID-2 TX 1174 1200 WCMH-4 OH 256
 1033 KPRC-2 TX 878 E 1221 unID-2

Sittel (continued)

JULY 1987 JULY 1987
 8 E 2004 WPBT-2 FL 747 14 E 2124 KDLO-3 SD 990
 2005 TR-4 CUBA 2133 KPRY-4 SD 1098
 9 E 1738 TV6-2,3,6 CUBA 2140 KTVI-4 IA 855
 w/ cartoon of people wearing "CCCP" hats 2145 KLANE-3 NE 958
 1741 WTVJ-4 FL 747 15 E 1802 unID-3 SS
 1742 TR-4 CUBA said "Coahuila"
 1758 WCIX-6 FL 747 1802 KDLH-3 MN 882
 1944 KTBX-3 IA 702 1804 KXJB-4 ND 1076
 1959 KATC-3 IA 702 1805 6 unIDs-2,3,4,
 1959 KIII-3 TX 1055 including a 3 FF
 2028 KOET-3 OK 742 16 E 1028 KMTV-3 NE 797
 2119 KLBV-4 KS 1033 1036 KTVI-4 IA 855
 2120 4 unIDs-2,3,4 1058 WCCO-4 MN 815
 T 1052 WUNC-4 NC 203 "clearest I've
 1058 WSMV-4 TN 246 ever seen it!"
 10 E 1027 3 unIDs-3-CBS, 1059 KIMI-3 IA 733
 3-ABC, & 4-ABC 1128 KLANE-3 NE 958
 1713 KBTX-3 TX 911 1129 unIDs-2,3,4
 1715 6 unIDs-2,3,4,6 1129 KSNB-4 NE 878
 11 E 1252 Col9r 1129 KWNB-6 NE 1040
 Visi2n-2 DR 1600 1229 KDUH-4 NE 1206
 1628 KBTX-3 TX 911 1230 KBME-3 ND 1179
 1629 KIII-3 TX 1055 1247 MUF 102.9 ND/NE
 1645 unIDs-3,4 both NBC 1356 TV6-2,3 CUBA
 1911 KLBV-4 KS 1033 1400 KPLO-6 SD 1044
 1958 KOET-3 OK 742 1400 KPRY-4 SD 1098
 1959 KJRH-2 OK 747 1405 WPBT-2 FL 747
 1959 KFDX-3 TX 936 1430 unID-6 "Hurricanes-
 2000 KAMR-4 TX 1116 a bad year ahead?
 2029 KTBX-3 IA 702 Tonight at 6."
 2058 KLANE-3 NE 958 1458 KXJB-4 ND 1076
 2100 KDUH-4 NE 1206 1459 KDLO-3 SD 990
 2124 KOTA-3 SD 1233 1540 WDAY-6 ND 1019
 2133 KRMA-6 CO 1242 17 E 1021 unID-3 CBS
 2220 KCNC-4 CO 1242 1031 KENW-3 NM 1206
 12 E 1027 KIII-3 TX 1055 1041 Col9r
 1050 KBTX-3 TX 911 Visi2n-2 DR 1600
 1058 KMID-2 TX 1174 1433 KTBX-3 LA 702
 1058 KMOL-4 TX 1053 1500-1600 INTENSE ES
 1124 KENW-3 NM 1206 KIII-3 TX 1055, KMOL-4 TX 1053,
 13 E 1727 unID-3 KGBT-4 TX 1166, KFDX-3 TX 936,
 1757 unID-2 KWB-4 TX 1120, KPRC-2 TX 878,
 1825 unID-3 SS KAMR-4 TX 1116, KOB-4 NM 1361,
 1929 KDLO-3 SD 990 unIDs-3-CBS, 6-NBC, 6-CBS, 4-NBC,
 1958 KTVI-4 IA 855 and 2-PBS (is one of those new
 2000 KPRY-4 SD 1098 ch2 PBS-TX assnmts on yet??)
 2029 KMOL-4 TX 1053 1613 KENW-3 NM 1206
 2029 KFDX-3 TX 936 1622 KLANE-3 NE 958
 2059 KENW-3 NM 1206 1759 KDLH-3 MN 882
 2128 KMID-2 TX 1174 1759 KXJB-4 ND 1076
 14 E 1029 KENW-3 NM 1206 1800 CBWFT-3 MB 1182
 1627 WFSB-3 CT 642 1859 unID-5 WASTE
 1714 unID-3 FF under WCYB, ant. NW
 2100 unIDs-2,3,4-CBS 1859 KMTV-3 NE 797
 1900 KOTA-3 SD 1233
 1902 KDUH-4 NE 1206

---Yet Another Shameless Ad



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Dave Nieman, Akron, NY 14001-9529

JUNE 1987	JULY 1987	JULY 1987
24 E 1218 KSNW-3 KS 1063	16 E 1100 WCPX-6 FL 1008	18 T 0605 WXMI-17 MI 367
JULY 1987	1230 KATC-3 LA 1160	0619 WJAR-10 RI 370
2 E 1800 KFDX-3 TX 1249	17 E 1230 WFTV-5 FL 1123	0620 WTEW-10 NY 234
3 E 2000 KATC-3 LA 1160	1747 CJON-6 NF 1482	0900 WRGB-6 NY 227
2040 KFDX-3 TX 1249	1747 CJAP-3 NF 1388	0904 WLVI-56 MA 372
2100 KPRV-4 SD 1093	1803 CJCN-4 NF 1336	20 T 0830 WGBA-26 WI 496
2130 KDUH-4 NE 1280	1900 KDLQ-3 SD 930	0830 WCMV-27 MI 358
10 G 1200 WNYB-49 NY 14	1900 KLNE-3 NE 1102	0900 WXGZ-32 WI 509
Buffalo (test) Stereo	1908 WCCO-4 MN 745	1030 WCMA-6 MI 288
11 E 2030 KTBS-3 LA 1107		

"Still a little E-skip being seen up to channel 4. The big surprise was seeing the good tropo on July 18&20. And even bigger surprise was seeing channel 49 Buffalo on the air testing. With its 4.2 mega-watt signal; I think I'll be needing a trap for them."

John D. Buehler, Toledo OH

JUNE 1987	JULY 1987	JULY 1987
29 E 1400 WPBT-2 FL 1098	11 E 1800 WPBT-2 FL 1098	17 E 1946 KOAA-5 CO 1128
1700 KRGV-5 TX 1171	"Program funded by the	1947 KCNC-4 CO 1138
2058 KRMA-6 CO 1138	Emil BUEHLER Founda-	1958 unID-4 w/KAKE-TV ID
2100 KOAA-5 CO 1128	tion!"	(See below--jfc)
"ID showed channels 5 & 30"	12 T 2300 WNYB-49 NY 260	2000 KTXN-5 TX 1140
(That's for their Q&O xlr	13 E 1600 unID-4 "NBC mix	2000 KAMR-4 TX 1075
K30AAA--jfc)	w/SS audio; MUF to 6"	19 E 1021 KPRC-2 TX 1064
2130 "2 & 3 total mess	14 E 1754 KPLQ-6 SD 826	1021 KPRC-2 NM 1226
+ unID-4 ABC &	1800 KIVV-5 SD 1079	1103 KAVE-6 NM 1282
CO stns on 5,6"	15 E 1758 KOAA-5 CO 1128	1930 KCNC-4 CO 1138
30 T 0622 WKXI-17 MI 124	1800 KTVG-6 KS 930	"+ other CO on 2,3,5,6"
JULY 1987	16 E 1730 WBRZ-2 LA 888	21 T 0642 WWTW-9 MI 196
3 E 1059 KBTX-3 TX 1029	2200 KMID-2 TX 1220	E 2146 KNMZ-2 NM 1295
1100 KPRC-2 TX 1064	17 E 1900 KSNC-2 KS 830	23 E 2130 unID-2 CBS (CDT)
1730 KPRC-2 TX 1064	1900 KTVG-6 KS 930	from N.W.

(Your KAKE-10 on channel 4 really baffles me, John! I can't find any ch. 4 xlrts that would pick up KAKE-10 as primary. Any of our KS members (Dave Pomeroy and others) aware of such a translator???--jfc)

Joel Rosenberg, 10 Vanhorn Crt., Thornhill, Ontario L3T 5R1 (416) 731-8945

APRIL 1987	JUNE 1987	JUNE 1987	JULY 1987
20 T 2245 WSYT-68 NY	2 T 0900 CHOT-40 PQ	15 E 2340 KLEY-4 KS	11 G 1100 WNYB-49 NY
MAY 1987	E 0920 unID-2 PBS	2340 KSNC-2 KS	13 T 0745 unID-35 //
10 G 1524 WNEQ-23 NY	4 E 2030 WBRZ-2 LA	16 T 0750 CBOT-4 ON	WUCM-19 (would
18 E 2000 unIDs 2-4 wk	2100 KATC-3 LA	17 E 2000 KSNC-2 KS	be WUCX-35--jfc)
23 T 0830 S.Bend 28,34	5 E 1000 KPRC-2 TX	2100 unID-2 PBS	0745 WFCM-28 MI
	1100 WPBT-2 FL	18 T 2130-2300	17 E 1600 KJAC-4 TX
25 T 2200 CIVO-30 PQ	2100 KOTA-3 SD	unIDs-33,45,	1630 KETS-2 AR
2200 unID-43 E.	9 E 2100 unID-2	51 East	1930 KSNC-2 KS
2200 WBNX-55 OH	10 E 1930 unIDs-2,3	19 T 0700 unID-60 PBS	2030 KLNE-3 NE
26 T 0735 CFSP-35 PQ	13 E 1800 KJRH-2 OK	0726 WOLF-38 PA	2030 unID 2,4 w/
WETK-33 VT	14 T 0824 WGSU-34 T OH	0726 WLYH-15 PA	tornado warning
WVTA-41 VT	0830 WRGT-45 T OH	21 E Weak all day...	for Scott County
W63AD VT	E 1515 unID-3 PBS	24 E 1430-1930 unID 2-4	18 T 0200 Chi. Us +
(Rutland WYNY-22)	1630 WBSH-2 FL	28 E ---- KPRC-2 TX	unIDs-25,40,55,
28 T ---- Y-town 27,33	2300 Snd opening	29 E 2000 MUF to 107.5	60,66
snowfree	15 T 0730 CICO-24 PQ	JULY 1987	20 T 2330 unID-62 PBS
2320 WGH-53 PA	CHOT-40 PQ	2 E 2200 unID-2	21 T 0815 WNWQ-24 OH
2320 W62?? NY	WNPT-18 NY	3 2030-2200 unIDs 2-4	WBGU-27 OH
(WNED-17...could	E 1950 unIDs 2-4	8 E 2345 unID 2-4 wk	WQHS-61 OH
be any of 4...)	2224 KSNW-3 KS	9 T 0750 CFSP-35 PQ	22 T 0800 WUCX-35 MI
30 E 1830 unID-2 ABC	2300 KTVY-4 OK	0750 WOIO-19 OH	0800 WBNX-55 OH

"Here's a summary of my DX this year. I first saw WNEQ-23 testing on May 9 while visiting in Buffalo, flipping the dial in the hotel. I couldn't reach the forever-working Bill Thompson! I'm off to Los Angeles next week for a month and hopefully won't miss much. All those shopping and religious channels are very frustrating! Don't they ever ID?? (Yes, Joel, but only when you turn your back, answer the phone, use the bathroom, etc. We are all familiar with the massive conspiracy among CH's to frustrate DXers, hi!--jfc)

Frank Wheeler, 6985 Wattsburg Road, Erie PA 16509

JUNE 1987	JUNE 1987	JULY 1987
16 E 1130 KPRC-2 TX 1210	24 E 2000 WTVJ-4 FL 1098	7 E 1900 WBRZ-2 LA 1159
1158 KMTV-3 NE 815	25 E 1030 KPRC-2 TX 1210	2100 KGFE-2 ND 917
1300 KJRH-2 OK 943 (Agn	29 E 1700 WBRZ-2 LA 1159	8 E 1159 KWGN-2 CO 1292
2032 KPRC-2 TX 1210	1800 KPRC-2 TX 1210	1326 KSNC-2 KS 1015
17 E 1832 KPRC-2 TX 1210	1804 KJRH-2 OK 943	10 E 1400 KPRC-2 TX 1210
19 E 1700 KFDX-3 TX 1144	2100 WVL-4 LA 1005	12 E 1900 WBRZ-2 LA 1159
1730 KCNC-4 CO 1292	JULY 1987	14 E 1730 KDUH-4 NE 1189
20 E 1330 KUSD-2 SD 851	2 E 1729 KJRH-2 OK 943	1900-2132 KPRY-4, KSNC-2,
1900 KPRC-2 TX 1210	1730 WBRZ-2 LA 1159	WBRZ-2, KXJB-4, KFYR-5
21 E 2130 CKCK-2 SK 1322	5 E 2158 KSNC-2 KS 1015	15 E 1800-1817 WVL-4, WBRZ-2
22 E 0930 WPBT-2 FL 1098	T 2300 WPSX-3 PA 180	17 E 1800-1830 KMTV-3, KSNC-2
1400 KPRC-2 TX 1210	7 E 1725 WPBT-2 FL 1098	18 E 1828 KLEY-4 KS 1238
24 E 1258 KPRC-2 TX 1210	1800 KOTA-3 SD 1169	1850 KLNE-3 NE 1016
1259 KQTV-2 MO 779	1830 KDLH-3 MN 682	20 T 1000 WCMA-6 MI 267
1302 KSNC-2 KS 1015	1850 KBME-2 ND 1033	1100 WNEB-5 MI 272

Greg Coniglio, 5100 Glenwood Drive, Williamsville NY 14221

JUNE 1987	JUNE 1987	JULY 1987
2 E 2200 KSNW-3 KS 1051	15 E 1915 WSLI-3 IL 650	17 E 1700 CBHT-3 NS 758
2331 KDLO-3 SD 948	2224 KLNE-3 NE 1083	1700 unID-3 "Fraggle Rock
3 E 1741 WLBT-3 MS 978	2252 KSNW-3 KS 1051	in FF, earlier saw Japa-
1800 WREG-3 TN 802	17 T 0700 WTVH-5 NY 131	nese characters, same str??
"perfect signal!"	"CBHT off"	1917 KDLO-3 SD 948
1807 KTBS-3 LA 1090	19 T 0120 WNEP-16 NY 162	1930 KTVG-3 MO 713
T 1830 WICU-12 PA 90	20 E 1200 KSNW-3 KS 1051	2100 KLNE-3 NE 1083
1900 WSEB-35 PA 90	1223 KSNC-2 KS 1094	18 T 0158 CICO51-51 ON 141
E 1905 KOTA-3 SD 1228	25 T 0100 WGNV-24 NY 135	20 T 1555 WJET-24 PA 94
2200 WEDU-3 FL 1047	E 1200 KFDX-3 TX 1239	1600 WOIO-19 OH 191
4 E 1557 KMTV-3 NE 894	30 T 2224 CBLFT9-40 ON 134	1600 WQHS-61 OH 188
1800 KSNW-3 KS 1051	2304 CKCO3-42 ON 176	2015 WPMJ-21 OH 163
1800 KTVG-3 MO 713	JULY 1987	2015 WKBW-27 OH 164
1805 KCTV-5 MO 869	1 T 0026 CICO18-18 ON 134	2015 WYTV-33 OH 164
"u/local CBLT-5"	2304 CBLFT14-32 ON 145	2255 CBLFT15-34 ON 141
5 E 2030 KDLO-3 SD 948	2332 CJOH6-6 ON 116	2257 CBLFT12-44 ON 86
7 E 1200 KTVG-3 MO 713	2 E 1600 KOET-3 OK 1039	2300 CICO53-53 ON 120
1230 KCTV-5 MO 869	1730 KSNW-3 KS 1051	2300 WENY-36 NY 110
1250 KSNW-3 KS 1051	1809+ unIDs-4,5	2302 WETM-18 NY 110
"perfect"	12 G 0057 WNYB-49 NY 17	2327 WBRZ-28 PA 190
2300 KLNE-3 NE 1083	13 E 1900 KATC-3 LA 1168	2330 WVIA-44 PA 190
2310 KUSD-2 SD 963	1920 KTBS-3 LA 1090	21 T 0012 CBLFT13-15 ON 120
14 E 1600 WEDU-3 FL 1047	1927 KFDX-3 TX 1239	0018 WNEP-16 PA 190
1907 unID-5 CBS	1930 KOET-3 OK 1039	0020 WYUQ-22 PA 190
15 E 1130 KATC-3 LA 1168	14 E 1900 WABC-6 MS 921	25 T 2308 CBLFT8-61 ON 102
	"In on 87.7 mHz FM"	27 E 1705 WWAY-3 NC 610

"This is my first report to your column. June was a great month for DX. July was good for both E-skip and tropo. Most of the Es reached into FM. I only saw 2 openings that didn't. Hopefully, there'll be a few more good openings in August." (Welcome to the column, Greg! I'm guessing at the calls on the ch. 51 and 53 TVO relays. I assume they would follow suit with the previous relays and take the channel number as the suffix to the calls--jfc)

Charles Gauthier, 3260 Beaulieu, Brossard PQ J4Z 2P7

JUNE 1987	JULY 1987	JULY 1987
5 E 1926 KQYB-4 MB 1305	7 E 1539 WVL-4 LA 1430	20 T 0034 WCDC-19 MA 199
7 E 2328 KSNB-4 NE 1300	1729 WTVY-4 (FL)1227	0040 WNYT-13 NY 198
24 T 0930 WNEP-16 NY 160	1745 WDAF-4 MO 1186	0045 WNEB-31 VT 138
0930 WUHF-31 NY 261	1800 WJXT-4 FL 1166	21 E 1145 KARK-4 AR 1264
0959 CBLFT13-15 ON 209	1959 WUNC-4 NC 745	24 E 0201 KARK-4 AR 1264
0959 GIC038-38 ON	8 E 1810 WTVJ-4 FL 1448	"Well, it's back to normal for Es,
0959 CBLFT14-32 ON 173	"In there for 4 hrs."	but we had the best trop I've
1029 WNED-17 NY 323	13 E 1219 WTVJ-4 FL 1448	seen in a long time. Strangely,
1029 CIGA-19 ON 323	1247 WJXT-4 FL 1166	it's always from NY/ON with few
1029 CBLFT-25 ON 323	1259 WTVY-4 (FL)1227	exceptions--can't get anything
1045 WNEQ-23 NY 323	1259 KARK-4 AR 1264	from the east. So far it's been
1047 CFMT-47 ON 323	T 2353 WNEP-16 NY 160	my best DX summer. I hope you
1059 CICO53-53 ON	2355 WNYN-7 NY 160	have as much fun as we have up
1059 CBLFT12-44 ON 250	"over CHLT-7"	here!" (It's been a fun DX sum-
25 E 0959 WJXT-4 FL 1166	18 T 0033 WGNV-24 NY 220	mer all over, I think--jfc)
JULY 1987	0102 WTVB-4 NY 323	
6 T 0845 CBVT-11 PQ 150	19 T 1838 CKWS-11 ON 173	21

Bob Seybold, 10567 Bennett Rd., Dunkirk NY

"Just got through witnessing one of the best E-skip openings of the season here so far, so will write it up while it is fresh on my mind. Have been observing a lot of E-skip this summer. June was great with E-skip almost every day and July has been almost as good with only a day here and there without any. Troops has been OK, not super but generally some almost daily. This is a general summary as not much logging was done."

"July 1-15: E-skip nearly every day. Most openings around 1100-1200 and some good evening sessions, a few quite late into evening. Most E-skip, especially channels 2-4, was very intense, easily dumping locals 2 and 4 more so than many past seasons. Most common openings were to WPBT-2, WEDU-3, WBRZ-2, and KATC-3. WTVY-4, WTVJ-4, WFL-4 very common. Oklahoma 2,3,4 frequent; KSNW-2 and KSNW-3 often, as well as KFDX-3 and KAUZ-6, KLEY-4, ND/SD 2,3,4; KWGN-2 and KCNC-4, KTVS-3. Most of all, many Texas openings with most intense openings covering 2-6 into all of Texas, including 2's from Midland, Santa Fe NM and Mexico-- these double-hop. Most troops into IN and southern OH; a couple good openings into IL and to IA 32,40; not much into WI except Milwaukee 18 and Green Bay U's."

"Now to July 16: E-skip noted at 1000 with band full several deep all channels; opening lasted without letup until 1730. It did reach channel 7 several times, but no IDs. FL seen first then over to TX, OK, up into Dakotas, back into TX, and finally into FL. States seen: FL, GA, AR, OK, TX, AL, MS, LA, TN, KS, MO, ND, SD, CO, WY, NE, IA. Had 12 stations on channel 2, 15 on channel 3, 9 on channel 4 (most ever I'ded on 4 in one opening), 12 on channel 5 and 13 on channel 6. IDs were difficult and all channels were several deep most of the time. Hope many DXers got in on this one!"

"E-skip back again at 2025...we'll see what happens. OK on 2,3,4,5 strong, lasted about 30 minutes. Troops building late in evening. Chicago 26,32,38,44 and Dubuque 40; WKOI-44. July 17 AM troops good at sunrise from all Ft. Wayne Us (including snowfree 39) and W68AN religious LPTV very good. South Bend Us good; Indy Us; MI Us super; Chicago U's appearing by 1200 and lasting several hours. E-skip returning about 1000 with FL 2-6 very strong, shifting at times to the Maritimes with Nfld., CKCW-2, CBHT-3 and others with E-skip in north and south at once. Returned again at 1700 and lasted until 2300 with Maritimes in again, also FL, OK, KS, NE, SD, ND, IA. Locals 2 and 4 buried in this one even with antenna pointed directly at them. KLEY-4 KS really super. Skip also good on FM in this opening. Troops good through entire session and improving: IL, OH, IN, and MI. July 18 troops good at sunrise with Ft. Wayne, South Bend, Chicago, Pittsburgh, Michigan U's all good; Indy, Lexington, southern OH U's, WTAP-15. Will conclude this report--more next time!"

Tom Yingling, Jr., 221 Pinewood Rd., Baltimore MD 21222-2345

JUNE 1987	JULY 1987	JULY 1987
12 T 0025 WICZ-40 NY 202	8 E 2106 WEDU-3 FL 813	16 E 1315 KOTV-6 OK 1080
13 E 1215 WEDU-3 FL 813	2118 WTVJ-4 FL 937	1325 KYTV-4 OK 1186
15 T 0553 WLXI-61 NC 291	9 E 1813 WEDU-3 FL 813	1326 KFDX-3 TX 1283
19 T 0500 W44AD VA 120	1813 Cuba-3 1100	1327 KSNW-3 KS 1148
"w/away-3 NC"	1813 Cuba-6 1100	1329 KBTX-3 TX 1283
0508 W41AC VA 120	1830 WTVJ-4 FL 937	1449 KTAI-6 (LA) 1076
20 E 1230 WBAR-3 (AL) 869	10 E 1835 WCIX-6 FL 937	1550 KWNW-6 NE 1310
1325 KUTV-6 OK 1080	2013 KSNW-3 KS 1148	At Ocean City MD:
"FM MUF to 101.5"	2015 WPBT-2 FL 937	17 E 0855 WESH-2 FL 937(?)
21 T 2330 WSBK-38 MA 345	13 E 1501 Cuba-3 1100	0855 WPBT-2 FL 937
2330 WSBK-36 RI 314	1501 Cuba-6 1100	0910 WEDU-3 FL 750
2330 W35AB PA 89	1501 WEDU-3 FL 813	1225 WVL-4 IA 950
2330 WUNP-36 NC 210	1926 KTVG-6 KS 1301	1228 WBRZ-2 LA 950
2345 WKFT-40 NC 291	1926 KJNW-3 KS 1148	1230 WSB-2 GA 550
22 T 0048 WDFB-64 DE 51	2026 KATC-3 LA 1001	1240 WMB-2 MS 750
"w/WNBT-12 after WHYY s/off!!"	2048 WJAR-3 (AL) 869	2047 WLIW-21 NY 189
0048 WFLI-22 NC 274	14 E 1645 KSNW-6 AR 904	2058 WLIW-55 NY 200
24 T 2100 WJAL-68 MD 100	1716 WDSU-6 LA 1001	2300 WLVJ-56 MA 352
25 T 0520 WTHN-8 CT 237	1748 KTVG-3 NC 807	2305 WSBK-38 MA 350
0520 WYAC-64 (IA) 324	1811 WWT-6 NE 1048	2330 WTXN-20 CT 250
29 E 1920 KTVG-6 KS 1301	2200 KTBG-3 LA 1080	
"IDs as KBS"	2345 WFPI-62 MD 65	
1930 KSNW-3 KS 1148	2350 WGET-36 MD 135	
"FM MUF to 107.9"	(ex-W36AB)	
2030 KOET-3 OK 1080	15 T 0005 WUNP-36 NC 240	
2035 KFDX-5 AR 1021	0005 WFTS-28 NC 274	
2035 KXAS-5 TX 1239	16 E 1150 KAUZ-6 TX 1282	
2045 KFDX-6 TX 1178	1254 WEDU-3 FL 813	
2050 KSNW-6 TX 1295	1310 KFDX-6 TX 1178	



JUNE 1987	JULY 1987	JULY 1987
20 E 1330 CBHT-3 ? NS T	3 E 2030 KOET-3 OK 833	17 E 1625 unID-8 zero off-set to ENE
1400 KDLO-3 SD 752	2030 KJRH-2 OK 811	1722 unIDs Quebec
1428 KBNW-3 ND 924	2130 KOTA-3 SD 1026	1810 KTVG-6 KS 976
21 E 1200 KVCN-3 WI 1138	2235 KFDX-3 TX 1030	1824 KQTV-2 (KS) 664
22 E 1400 unIDs	5 E 1750 CICI-1-3? ON T	1830 KFDX-3 TX 1030
2327 KIII-3 TX 1310	7 E 1645 WSAV-3 GA 721	1900 KLINE-3 NE 866
25 E 1030 KTX-5 TX 1195	1830 CBHT-3 NS 976	2025 KTX-5 TX 1195
1050 KXAS-5 TX 1024	11 E 2000 KTVS-3 CO 1045	2049 KLEY-4 KS 985
1130 KGEN-6 TX 1100	2200 KENW-3 NM 1279	2130 KUSD-2 SD 754
1215 KFSM-5 AR 776	13 E 1930 KBTX-3 TX 1093	19 E 1000 KBTX-3 TX 1093
1215 KOTV-6 OK 811	14 E 1630 CJCH-5 NS 976	20 T 0540 CKCO2-2 ON 197
1250 KOAA-5 CO 1168	1720 CKLT-1-3 NB 806	0725 WYUP-10 MI 259
1300 KRMA-6 CO 1174	1727 WFSB-3 CT 511	0725 WCML-6 MI 198
1300 KFDX-3 TX 1030	1730 WCVB-5 MA 597	0800 CKVR-3 ON 211
1400 KSNW-3 KS 833	1800 WLINE-6 (RI) 605	0800 WJMN-3 MI 325
28 E 1126 GJCH-5 NS 976	"State #38"	0830 CHEX-12 ON 268
29 E 1815 KMMZ-2 NM 1340	1810 WQMT-6 or KWNW-6	0950 WNYB-49 NY 210
"Es #100"	1822 KFYR-5 ND 925	1000 WGRZ-2 NY 224
1815 KOTV-6 OK 811	1845 KSRB-6 ? ND T	26 E 2100 unIDs-3 ABC, CBS
1825 KAUZ-6 TX 1029	1845 KOTA-3 SD 1026	T 2100 CKCO2-2 ON 197
1833 KJRH-2 OK 811	1900 KDLT-5 SD 733	27 T 0030 CICO12-12 ON 170
1840 KAMR-4 TX 1126	1900 KPLO-6 SD 845	0130 WREX-13 IL 322
1900 KTAI-6 (LA) 892	1915 KPRY-4 SD 869	0130 WTAJ-10 PA 265
1915 KXAS-5 TX 1024	15 E 1800 WCFX-6 FL 960	0345 WQCR-8 PA 250
1921 KARK-4 AR 736	16 E 2000 unIDs-2,3	(Station #357)
2030 KOAA-5 CC 1168	17 E 1625 CJCH-5 NS 976	0600 KDKA-2, WTAE-4, WJAC-6, WTRF-7
2030 KTVG-6 KS 976	1625 unID-6 SRC	
2230 KGEN-6 TX 1100		

"Nice Es openings 6/29, 7/14 and 7/17. On 6/29 KAMR-4 was in for 4 hours with various wx warnings. Got state #38 7/14...Montana is the only other state I expect to get. Saw some channel 8 Es on 7/17, oddly on the 7th anniversary of a super Es opening, the first of 2 previous times I've seen hi-band Es. This time as well as the last two I never I'ded any video or audio. SRC on 6 is a tough unID--only SRC on 6 with more than 10 kw is in Alberta, but I still think it was something from the east. (How about CBGAT Matane PQ which is only 3.7 kw but fits the direction?--jfc) On 7/20 tropo on channel 3 looked more like Es--WKYC, WJMN, and CKVR all strong. Circular polarization of WGRZ-2 easy to notice on local WJBK--on portable TV with single "ear," just put antenna up and WJBK gets blown away."

John F. Combs, 1308 Willow Branch #24, Jacksonville FL 32205

JULY 1987	JULY 1987	JULY 1987
3 E 1134 KGAN-2 IA 1002	10 E 1720 Noted, no time...	23 T 0450 WSVN-7 FL 313
1134 KUSD-2 SD 1210	11 E 1028 WIPM-3 PR 1249	0450 WXPFL-8 FL 174
1159 KLINE-3 ? NE T	1727 Noted, no time...	0450 WTCG-44 FL 174
1206 KQFE-2 ? ND T	13 E 1915 WKAQ-2 PR 1294	0450 W29AB FL 77
1230+ I'm away...	1919 WIPM-3 PR 1249	0512 WJKA-26 NC 335
2030 Noted, no time...	1958 KDKA-2 PA 710	E 1605 unIDs-2
4 E 1049 KPRC-2 TX 827	1959 WKYC-3 OH 766	1630-1945 I'm away...
1056 KIII-3 TX 977	2000 WTVN-6 OH 675	1945 unID-2,3 hindered by strong ext. GW
5 T 2250 WTAT-24 SC 216	20 T 0506 WWAY-3 NC 335	(Es in most of PM, but t-storms wreck it)
2250 WJKA-26 NC 335	0514 WCBH-2 SC 216	26 E 1954 WCBH-2 ? NY T
2250 Tampa 22/28/44 T	0514 WECT-6 NC 335	27 E 1831 unID-2,3 SS
6 E 1638 CKCO2-2 ON 1012	0514 WGSB-5 SC 216	29 E 1206 WFSB-3 CT 934
1658 WKYC-3 OH 766	0532 WJBF-6 (SC) 215	1231 KJRH-2 OK 925
7 E 1818 WBBM-2 IL 866	1913 WWAY-3, WCBH-2	1243 KGBT-3 ? OK T
1900 KSNW-3 KS 1040	2129 WGSB-5 SC 216	(Then nap...upon awa-king, found!)
1902 KGAN-2 ? IA T	21 T 0500 WWAY-3 NC 335	1435 KNOX-2 NE 1301
8 E 1905 WGRZ-2 NY 875	0500 WGSB-5 SC 216	(I'ded about 3 sec. after I turned the set on!)
1910 WSTM-3 ? NY T	1734 WWAY-3 still!	1440 f/out
1935 unID-6	2200 WJKA-26 NC 335	1643 unID-2 SS brief
9 E 1850 KGAN-2 IA 1002	2200 SC 24,26,27	
1850 KIMI-3 IA 1033	2200 Charleston 2,5 T	
1850 WQMT-6 NE 1103	2216 SC 16,19,23,33	
1904 KUSD-2 ? SD T	2300 WFLX-29 FL 272	
1912 KMTV-3 NE 1103	2300 WYAK-56 FL 182	
1928 KQTV-2 (KS) 982	22 T 0520 WWSB-40 FL 194	
1938 KYTV-3 MO 800	0520 WFSB-33 FL 313	
1945 KMS-6 MO 879	0520 WTCG-44 FL 174	
2000 WPSD-6 KY 633	0520 WHPT-45 FL 312	
2054 KCTV-5 MO 948	0520 WXPFL-8 FL 174	

Doggone it! I always seem to fill out to the bottom of the page with my report, and never have enough room for comments! Well...maybe next time. 73, JOHN.



KCC FM NEWS

New Station, Translator Grants (Selected Translators Only)

CA Carmel Valley K228CU 93.5 (KSUR 99.5 Greenfield)
CA Corcoran KLCZ 102.3 3000 h.v.; 100 m
CA Guadalupe 105.5 160 h.v.; 409 m
CA Julian 100.1 63 watts h.v.; 566 m
CA Modesto *90.5 1500 h.v.; 566 m, g. M.
Adventist Academy (high school—see also "Deletions," below) (San Francisco)
CA Victorville K202AX *88.3 (KEAR 106.9)
FL Panama City Beach 105.1, class C2, but FCC has not announced power, hit Any DXer know more about this station?
FL Tarpon Springs *88.9 50000 h.v.; 151 m, g.
FL Christian Education (Melbourne)
FL Vero Beach W261CC 100.1 (WCIF 106.3)
IL Quincy 103.9 3000 h.v.; 88 m
MN Ely 92.1 3000 h.v.; 90 m
MS Jackson WWJZ *89.3 6300 h.v.; 91 m, \$, g.
on air! believed taken over by Joy Public Broadcasting 199.7 Kansas City
MO Jefferson City K285DP 104.9 (KM8R/
NM Dulce *90.5 100 watts h.v.; 93 v, 468 m, e.
Jicarilla Apache Tribe (Hobbs)
NM Roswell K296D R 107.1 (KZOR 94.1/
OK Pawhuska 104.9 3000 h.v.; 100 m transmitter
8 km NNE, with coverage just missing Bartlesville; read more about facilities changes reaching or not reaching certain nearby cities in FMedia!
TX Galveston 104.9 3000 h.v.; 100 m
TX Huntsville KSHW *90.5 3000 h.v., 77 m, \$,
Sam Houston State U., which also owns 10-watt KSHU *89.3, which has embraced Stereo
UT Blending 92.1 3000 h.v., 70 m
WI New Holstein 99.5 3000 h.v.; 100 m
WY Jackson 95.7 100000 h.v.; 322 m
WY Laramie 105.5 3000 h.v.; 100 m
PR Levittown WJ2Z *88.5 360 watts h.v.; 37 m,
Community Educational Group, Corp., on air
MEXICO CH Ciudad Juarez XHNZ 107.5, on air with \$, i, "Estereo Vida" (stereo life; strict nonID); 100000 h.v.; 600 m
CH Tuxtla Gutierrez XHTGZ 96.1, \$, "Estereo Grande...station on 96.9 not audible"
Mexican mysteries: 89.3, strong S, I-formatted station, and a weaker companion on 93.9, \$, i, "both heard with XHFI 90.5 Ciudad Obregon; both are somewhere in Sonora or northern Sinaloa."

Canada mysteries: MB Gillam 99.9 CBC, CBW Wmning relay, to replace AM broadcaster, but no power, mt. mentioned
MB Lynn Lake 95.1, as above
NS Shelburne CJS-L, a 500-watt repeater of CJSL Yarmouth, frequency not known
ON Elk Lake *89.7, CBC English
ON Sioux Lookout 90.1
Many of above may be just applications, not yet granted

Call Letters Assigned

CA Chico *90.1 KZFR
CA Greenacres 106.3 KRAB
CO Denver 95.7 KSYU (not KSSY), mr., "soft ac, Sunny-96" (r) (oldies)
105.1 KXKL-FM (KBRQ-FM), "Cool 105.1"
CO Pueblo 98.9 KPKE (KIMG)
FL Apalachicola 100.9 WAPY
FL Homokale 98.3 WIKX-FM (AM is in North Fort Myers) Changed from WIKX (FM)
FL Stuart 92.7 WZZR (WRIT)

FL West Palm Beach 107.9 WIRK-FM (WIRK-FM; AM has new call)
HI Waipahu-Honolulu 92.3 KXPW (KULA), r ("Top 40"), "Power-92"
ID Emmett 101.7 KKIC-FM; AM in Boise ID has new call [age, jazz]
IL Chicago 95.5 WNUA (WRXT), m, "new"
IA Fairfield 95.9 KMCD-FM (KBCT) r, from k, "sounded automated"
IA Red Oak 95.3 KLRZ (KOAK-FM), b? LA Marksville 97.7 KAPB-FM (KWLW)
MD Glen Burnie 95.9 WHTF (WWIN-FM)
MA Hanover Port 93.5 WFXR
MA Lowell 99.5 WSSH-FM (WSSH), with WSSH AM replacing bankrupt WMRE. To simulcast, but any format change not announced
MI Dearborn 100.3 WNIC (WNIC-FM)
MI East Jordan 100.9 WIZY
MI Gaylord 95.3 WMJZ-FM (WZXM-FM)
MT Dillon 98.3 KDLN-FM (KDLN)
NE Omaha 92.3 KEZO-FM (KEZO), still "Z-92," AM now simulcasts with the FM
NY Rochester 97.9 WPXY-FM (WPXY-FM); AM affiliate decides not to change calls
NC Columbia 105.7 WRSF (WVOK)
NC Fuquay-Varina 103.9 WAZZ (WAKS-FM)
NC Hickory 102.9 WRLX-FM (WRRX), b, had been off the air for the last several weeks when calls were still WJHY-FM
OH Cadiz 106.3 WEIR-FM (WHOH); AM is in Weirton WV
OH Fostoria 96.7 WBVI (WFOB-FM)
OH Van Wert 98.9 WKSD (WERT-FM)
OH Xenia 95.3 WBZI-FM (WBZI)
TX Dallas *89.3 KNON (KCB-FM), je *90.9 KCB-FM (KNON); 100000 h.v.; 209 m, g
TX Ladds Austin ID
TX Georgetown 96.5 KQFX (KOTN-FM); TX Palestine 98.3 KNET (KYYK), still k, but easy country
VA Mount Jackson 96.9 WSG-FM
VI Christiansted 99.5 WVIQ (WIVI)
BC Egmont 107.5 CIEG (not CISO-)
NB Saint John 100.5 CIOK-FM
NT Hay River *100.1 CJCD-1, r, "adult contemporary"

Canada Calls Mystery: ON Toronto (Downsview, Radio York) 105.5, mentioned by one contributor as CHRY (not CJRY?), s format

Facilities Changes Granted

AL Dixons Mills WMBV *91.9 (from 90.9), g AR Little Rock KHLT 94.1 389 m; (100000 h.v.) [; \$?, "variety" format
CA Garberville KMUD *91.1 (not 89.7); on air CA La Grand KEFR *89.9 1800 h.v.; 652 m
CA Vacaville KUIK 95.3 650 h.v.; 210 m
FL Key West WAIL 99.5 302 m (100000 h.v.)
FL Pensacola WPCS *89.5 (from 89.3) 405 m (100000 h.v.), xmtr in AL
FL Starke WPXE-FM 106.3 1350 h.v.; 151 m
GA Athens WUGA *91.7 (not 91.3)
GA Atlanta WPCW 94.9 100000 h.v.; 300 m
WKS-LF 96.1 100000 h.v.; 300 m (h.v.)
GA Marietta WKHX-FM 101.5 300 m (100000/
GA Toccoa WZLI 106.1 345 m (100000 h.v.)
HI Honolulu KMAI 93.9 44 m (100000 h.v.)
LA Nampa KFXD-FM 94.9 49000 h.v.; 821 m
LA Baton Rouge WYK-FM 101.5 457 m (100000 h.v.)
ME Brewer WHT-FM (although one source claims the calls are "WKIT-FM") 100.9 supposed to be changing to 100.3, 100000 h.v., but nothing official on this
MI Atlanta WAIR 92.5 265 m (100000 h.v.)

Bruce F. Elving, Ph.D., Editor
241 Anderson Road
Esko MN 55733-9413

transmitter Johannesburg MI; to serve... (cities listed in FMedia)
MI Flint WFBF *95.1 50000 h.v.; 74 m
MS Hattiesburg WSHY-FM 104.5 300 m (100-000 h.v.), nondirectional antenna
MO Lebanon KIRK 103.7 300 m (100000 h.v.)
MO Thayer KLDH 99.3 100 m (30000 h.v.)
transmitter Wirth AR; serving not serving...
NJ Eatontown WHTG-FM 106.3 71 m (3000/
NM Farmington KRWN 92.9 61000 h.v.; 120 m
NY Clifton Park WCFB 96.7 100 m (3000 h.v.)
NY Houghton WJSL *90.3 6000 h.v.; 66 m, "They have a good signal into the area now"
NY Oswego WQXT 101.7 1000 h.v.; 174 m
NY Tupper Lake WTPF 102.3 150 h.v. (442 m)
NC Belhaven-Bath WKJA 92.1 (from 101.1; previous grant rescinded) 3000 h.v.; 85 m
NC Hendersonville WMYI 102.5 "My-102.5 FM" 20000 h.v.; 543 m, transmitter atop Pinnacle Mountain, SE of Hendersonville, in Henderson County, nr. Still in Hendersonville, but gives misleading references to Greenville-Spartanburg-Anderson when using nonID, not mentioning city of license, except when giving official ID.
OH Mount Vernon WQIO 93.7 37000 h.v.; 172 m
PA Cresson WBXO 94.3 350 h.v.; 292 m
PA Huntingdon WRLR 103.5 (from 106.3) 160 h.v.; 435 m, see also "Deletions" for fate of WKVR [99.3, new calls not announced)
PA Nanticoke W208- *89.5 (from W257AK/
SC Charleston WSCI *89.3 83000 h.v.; 415 m
SC North Myrtle Beach WNNB 105.5 2500 h.v.; 107 m, transmitter Wampee SC
TN McKenzie WMYN 106.9 272 m (100000 h.v.), transmitter Milan, serving Fulton KY and these TN towns: Paris... Milan, Trenton
TX Haskell KVRP-FM 95.5 319 m (100000/
UT Provo KBYU *89.1 (from 88.9) 888 m (32000 h.v.)
WY Sturgis Bay WSBW 99.7 (from 100.1)
WY Greybull KSBW 100.3 56000 h.v.; 745 m
ON Sault Ste. Marie CHAS 100.5 has a facilities improvement, including a new transmitter, "with the easy listening even easier now that the signal blankets the area," but power, height not announced
To change frequencies (not official yet): TX Humble KSBJ *88.1 announcing change to take effect in August to *89.3, permitting them "to go back up to 100,000 watts," but station has not replied to our inquiry as to what their current power is, or why it had to be reduced. This change will result in KJIC Pasadena TX moving from 89.3 to 88.1

Format Changes

Formats are the same as in the "FM Atlas"
AL Bay Minette WLPR 105.5 b, ID with Mobile CA Davis KYLO 105.5 r, no gr
CA King City KLF 93.9 (moving from 92.1) r, "classic hits, oldies," not 24 hours, signing off 11 p. m.
CA Northridge KCSN all k, with its expected soon transmitter move controversial. It will drop from 3000 to 52 watts, but go up to 646 m, giving line-of-sight to new areas, but some think they are giving up too much power for this move. "You can't even read with a 52-watt bulb," and other fears are the weak signal won't penetrate thick walls, and will be weak in areas the station now reaches effectively.
CO Denver KUVU *89.3 (no Spanish), \$ KCFR *90.1 c when not carrying NPR, no [progressive rock] any more

FCC-FM

CO Longmont KOKS 104.3 r, \$, "definitely on the air"
CO Manitou Springs KCME *88.1 all c
FL Jacksonville WEJZ 96.1 mj, Percy Faith, Lionel Ritchie, etc., no SCA, no nonID
GA Thomaston WTGA-FM 95.3 ks, country days, soul nights
ID Twin Falls KCIR *90.7 g (not gc), mono
IL Monmouth WMOI 97.7 r, "hit rock"
IA Burlington KDWD 93.5 r, \$, "The Rock of Burlington"
KS Ottawa KHUM 95.7 r
LA Alexandria KLSA *90.7 j, \$
ME Rumford WMMR 96.3 g (to be on in Sept. after a hiatus, following its former CHR format)
MI Iron River WIKB-FM kr, "we program



modern country music in the day, while we switch to rock in the evenings"
MI Jackson WJXQ 106.1 r, not rp
NE Lincoln KLDZ 95.3 (oldies)
NM Albuquerque KUNM *90.1 cj (plus translators), dropping free-form and progressive, prompting station volunteers to strike. Station off the air July 2-12, but returned the 13th on reduced hours.
NM Santa Fe KKSS 97.3 rs
NY South Bristol WZSH 95.1 b, "no longer Beautiful of Your Life, but mostly instrumental music," ID with Rochester, "Wish-95," affects 1 translator
NC Greensboro WQMG 97.1 r (not a)
NC Kannapolis WRFX 93.7 r (top 40), still "The Fox"
TX El Paso KOFX (not KFOX), r, "Fox-92"
KLTO 94.7 rm
KPRR 102.1 rs
TX Fort Worth KOJO 94.1 gr, "contemporary Christian," drops Spanish
TX Hamlin KWZD 103.7 k, "Wizard-104," not known if \$ [contemporary]
TX Ogden KDAB 101.1 sr, "black adult/
UT Salt Lake City KISN 97.1 rm (light)
VA Buffalo Gap WSPV 105.5 r (CHR), ID with Staunton, not known if \$
VA Manassas WBWV 106.7 rj, "new age," which is supposed to be different from "new wave." Can someone write in and explain the difference in 25 words or less?
PR Bayamon WGSX 94.7 r (oldies), "95-X"
WXYX 100.7 r, English, "top 40"
PR Carolina WVDZ 107.7 lm, "salsa"
PR Cidra WBRQ 97.7 m, "Spanish ballads, Q-97"
PR Corozal WORO 92.5 b
PR Fajardo WDDY 96.5 s, "disco/urban, Q-96"
PR Guayama WSR 106.9 i, "Spanish ballads"
PR Luquillo WZOL 92.1 lm, "salsa/merengue"
PR Rio Piedras WFDI 95.7, English, "Fidelity 955"
PR San Juan WZNT 93.7 lm, "salsa," [no English]
WIAC-FM 102.5 i, "Spanish ballads"

Stereo, or to be Stereo

CO Evergreen BPH-821217BG, operating on FCC file number, since call letters not assigned, 96.5, "is on the air with granite-hard rock," although another source claims this station is KCFM with country! And watch 92.1 KTFE-FM Toole UT, simulcasting with KPRN 107.9 Roy UT, and misidentifying as "WKRP Salt Lake City" with oldies rock
GA Hazlehurst WVOH-FM 93.5; a nonverifying station; anybody know a contact there who's friendly to DXers?
KY Corbin WYGO-FM 99.5
MS Winona WONA-FM 96.7

Evergreen CO 96.5 hard r, or is it k?

NE Crete KBVB 103.9, m
NE Orchard KGRD *105.3, on air, g, noncom-
mercial, started 7-15-87
PA Lewistown WCHX 105.5, rm, "started 7-1-87"
TX Alpine KALP 92.7, "New FM-93," k
TX Fabens KPAS 103.1

NonIDs, Not Just Slogans

AZ Phoenix KODY-FM 95.5 Y-95 (strict), r (CHR), "mostly produced sweepers and liner-cards at the moment, but will be live around Aug. 1. Still simulcasting the Bill Heywood morning show from KODY AM, and will keep doing so—a curious non sequitur!"
CA Hollister KHIP 93.5 K-Hip (not strict)
IL Aurora WAUR 107.9 FM-108 (not "Lifestyle FM"), rm, "best music of the 60s, 70s, 80s; a good music mix"
IL La Salle WAJK 99.3 no "Music 99," m
IL Naperville WQNC *89.1 FM-89, r
IA Fort Madison KBKB-FM 101.7 FM-102
NE Cozad KQCC 104.5 KC-104% (not KC-105)
NM Alamogordo KKBK 94.3 still "94-Key," as it was when its calls were KKEE
NC Eden WWMY 94.5 "Classy," still b, dual city ID with Greensboro
NC Greensboro WUAG *106.1 The Music 106, "a professional-sounding 10-watt drop-in...The problem is, when the station moved from 90.9 to 106.1 a few years ago, WVOT in Wilson, about 100 miles away, didn't have much more coverage than a 10-wattter itself. Now WVOT has become WRDU, a rimshotter into Raleigh-Durham with a rather strong signal into Greensboro...So WUAG's signal pushes against the tide, and in most of Greensboro's environs, 106.1 sounds like a mess" [97 (strict)]

ND Grand Forks KNOX-FM 94.7 Power/
SC Mt. Pleasant WDXZ 104.5 Dixie-104% (not Dixie-105) (not KG-100)
SD Rapid City KGGG 100.3 Hit-100/
TX Odessa KGIP 96.9 Q-96.9 FM
NS Kentville CKWM 97.7 Magic 97, rc, "listeners get light rock during the day and classical music in the evening" because of having to make 7 p. m. to midnight available to the CBC
ON Windsor CKLW-FM 93.9 FM-94

Multi-City IDs (See this feature in FMedia!) Off Air or Not Yet On

AK Fairbanks KING 95.9 (along with AM KBCN) went off air.
MD Frederick WJTM *88.1, "have not heard them in 2 trips through Frederick, March and June"
NY Webster WFRW *88.1
TX Burkburnett KXTW 104.7
TX Freeport KGLF 103.3
TX Granbury KFII 106.7

Deletions

CA Bakersfield KBKE *91.3, "application dismissed for assignment of license to Family Stations, Inc. [and] application denied for extension of time"
CA Modesto KDHS *90.5 (see "New" above)
PA Huntingdon WKVR *103.5 (see "Facilities," WRLR above)
TN Donelson W257AR 99.3, a WBVR Russellville KY translator; see "New" above, or in FMedia! last month
WV Phillipi WQAB *92.1, "application denied CP to replace expired permit"

On Air (Selected)

CA Burney KIBC *90.5, mono, g
CA Los Altos KFJC *89.7 (not Los Altos Hills CA), "definitely on the air. I recall it disappeared for a very short time not long

September, 1987

ago, but many of the student-run stations do that. KFJC is quite an institution in the South Bay, with quite a following..."
CA Morgan Hill K257BL 99.3, "but KLRS, up on Loma Prieta Mountain, blasts down into that town on 99.1, from an elevation nearly 4000' above the valley floor, and only about 15 km away. The translator of KOME is virtually useless. They need to move it"
MI Saugatuck WEVS 92.7, \$, [rock] oldies
MN Grand Rapids KNNS 96.9 back on with more power, but they, KAXE *91.7 and channel 18, a LPTV station, all seem to be on lower-than-normal power (all use same tower)
NY Henrietta WBER *90.5, "used to run 10 watts, sounds like more now" [is 2500 h.v.; 127 m].
TX Palestine K280CL 103.9 broadcasting from 15 m pole on 5-story building, which is dwarfed by Catholic church directly across the street to the west (which reduces coverage in that direction)
WA Longview KJHV *89.5, \$, g
WV Summersville WCVV 92.9 and WV Sutton WCKA 97.1, "both were alive and well in June"

FMistake, FCC-FM Aug., p. 20

AL Mobile WAYH 96.1—should have been under facilities, not "call letters"

SCServices, 57-92 kHz (see this feature in FMedia!)

Others plus
GA Cumming WVEV *91.5 tG 67 kHz, promoting same as "Christian Background Music," at \$15/month; call them from GA at 1-800-522-9150. I thank Nick Lombardi for the demo tape; I believe I heard them on skip with an "FM-91.5" nonID, which sounded strict
MA Falmouth WFAL 101.1 tT 67 kHz—Talking Information Center feed from WATD 85.9 Marshfield; getting program from land line, but will be buying Magnum FT-101 receiver from us, modified with SCA for direct off-air pick up of the SCServices signal, and thereby saving telephone line expense
MN Bemidji KCRB *88.5 tU (tone) 92 kHz, still tT 67 kHz, but with occasional preemption for ABCNetwork relay; Paul Harvey and part of news-cast displaced the readings for the blind, 7:30 a. m. local time. This service used to feature Native American programming, beginning 9 a. m. weekdays
MN Duluth KUMD *103.3 will not carry Muzak. University does not want the station to engage in money-making activities, or to program its SCA in a way that is much different from the main channel. This is a novel idea, and has achieved expression, above, in the example of WVEV Cumming GA, with a g main channel format and background "g" format on its subcarrier.
MN Mankato KYSM-FM 103.5 recently interrupted its background music to simulcast severe weather warnings with its main carrier; in-house music later returned, 67 kHz
VA Yorktown WYCS *91.5 tT 67 kHz; simulcasts on main carrier the reading service taking place on the "Subcarrier; readings include items from the "Times Herald"
And others too numerous to mention here!

AM Happenings Most Likely Caused by FM

One of the controversial features of FMedia! Read it there, as well as "AM Happenings—A Rebuttal by Geov Laal Parrish"

"... Kicking AM stations to the degree you do was probably very necessary for an FM advocate 25 years ago, or even 15 years ago. Now (to me,

and a number of others I've talked to) it seems more like venting a pathological hatred than anything else, and it really demeans your otherwise fine work. When the technology comes along that supplants FM the way FM has supplanted AM (and it inevitably will), I hope you're more graceful than in defeat than you are now in victory!"

Elving responds: The "AM Happenings" is admittedly dishonest, since I do not normally print news of AM stations coming on the air. After all, FMedia is an FM newsletter, and it is not involved with AM frequency changes, call changes, etc. Nor can we always know, at a distance, the exact cause for a station going off the air or reducing its staff, but I feel safe in saying AM happenings **Most Likely** caused by FM.

FM Rulemakings—Filed, Proposed, Finalized More Small-Print Happenings and FM Industry News

Read these in FMedia Also, Dr. George Bailey's analysis of how new commercial formats are eating into public radio's audience. Read my editorial "False Front Applicants Deserve Scrutiny," attacking religious applicants for reserved, educational channels, and attacking women! There's also FM Forum, an item about WQMI-FM York Center ME not properly identifying (and its address is hard to find; two of us have had letters addressed to them returned by the postal service; "Broadcasting Yearbook" is no help). There's a metro Los Angeles FM station dial history, and a NY City dial history, 1941-48, by Frank Drobny, and the History of WHCN Hartford by Michael Collins and Dr. Al Germond. Copies of the Aug. FMedia were given out to everybody attending the WTFDA convention in Esko MN.

See Also August VUD For:

AZ Arizona City KXMK 106.3 Sonido Cosmico (from "Cosmic 106") nonID, Jefferson, p. 45
AR Hope KXAR-FM 101.7 ID with Texarkana, Fela, p. 37
AR Pine Bluff KZLR-FM 94.9 Z-95, Fela, p. 31
CT Shelton WRXC *90.1 \$, apparent cj format, Bugej, p. 25
FL Port St. Joe-Panama City WJST 94.5 k format, Bugej, p. 25
IA Ida Grove KIDA 92.7 FM-93 (not strict), Fela, pp. 36-37
KS Emporia KNGM *91.9 g, but not known if it broadcasts in stereo, Nollman, p. 26
LA Crowley KAJN 102.9 possible format change from g to k, Conglio, p. 31
MS Leland WBAD 94.3 94-Bad-FM, Nordquist, p. 32
MO Jefferson City KTXJ 106.9 Power-107 (from "FM-107," Bueneman, p. 46)
MO Kansas City KCPW 94.9 Power-95, Bugej, p. 25
MO Springfield KWTO-FM 98.7 99-Hit-FM, Nollman, p. 26
NE Alliance KAAO 105.9 KO-106, Sittel, p. 40
NY New York WYNY 97.1 Country-97, k, Fela, p. 31
NY White Plains WFAS-FM 103.9 Bright-104, Nollman, p. 26
NC Mayock WOOF 92.1 r, "Magic-92," McVey, p. 42
NC Tarboro WKTC 104.3 tX (not tM) SCA, 67 kHz, p. 23
NC Wanchese WBBR 95.3 Beach-95, Fela, p. 37
OH Cambridge WOUK *89.1 (and WOUK *91.3) possible format change from k to c; have those stations dropped country? Nieman, p. 29

OH Cleveland WMJI 105.7 note spelling of nonID, "Majic 105.7," Fela, p. 31
OK Ada KASX 96.7 96-X (not "FM-96"), Nordquist, p. 32
OK Lawton KQLI 94.3 1-94, Nordquist, p. 32; also I'd like to know if this station has stereo, and its music format
PA Philadelphia WRTI *90.1 directional, Fela, p. 31 [Bugej, p. 25
SC Bamberg WMLT 92.1 k, "92-Country," SC Hanahan WAVF 96.1 tX SCA, 67 kHz, p. 24 [103.1 Mix FM, Nollman, p. 26
TN Jackson WMXX 103.1/ [p. 31
TX Beaumont KZZB-FM 95.1 B-95, Conglio, TX Commerce KETR *88.9 apparently no longer using "FM-89" nonID, Nieman, p. 29

KEMM 92.1 k, Fela, p. 37 [p. 29
TX Fredericksburg KFAN 101.1 k, Nieman, TX Merkl KFQX 102.3 Fox-FM nonID (note calls are not "KFQX"), p. 24
TX Springtown KMQX *89.1 k format, but is it in Stereo? Conglio, p. 31
VT St. Johnsbury WNKV 105.5 V-105, Pepin, p. 27; Alain Pepin was my on-air guest on WKLF-FM 100.9 and AM Cloquet Aug. 2, talking about DXing and pronunciation of many MN place names with French origins
VA Berryville W000 105.5 Apple Country, Fela, p. 31 [Your Life," not k, p. 23
VA Onley WESR-FM 103.3 m, "Music of / MB Brandon CKX-FM 96.1 KX-96 FM, r, Richardson, p. 33
ON Toronto CHFI 98.1 FM-98, Bugej, p. 25

Readers' Reports

A bunch of goodies from W. R. McIntosh in CA, including an article in the L. A. Times by Jay Sharbutt, quoting Thomas Murphy, ABC/Capital Cities, asking that the 3-year rule for holding stations be restored. That way, stations would be run by people having a dedication to broadcasting, not "just professional financial people," but he does favor the current rule allowing one owner to have up to 12 FM and 12 AM stations, exceeding the previous limit of 7.

The case against KPFK *90.7 L. A. alleging obscenity has been dropped, despite the FCC's having urged the Justice Department to intervene. Since broadcast was after 10 p. m., Justice felt it didn't have a good case.



NBC has sold its radio networks to Westwood One, Inc., which also owns Mutual. Norman Pattiz founded Westwood One in a one-room office 12 years ago. No plans yet to change NBC, which will have a separate board of directors. KUSC *91.5's manager leaves to head WNYC-FM *93.9 and AM New York. He's Wallace A. Smith, who shook public radio by pulling KUSC away from NPR in favor of American Public Radio. He's expected to mend fences by joining the WNYC stations, which are strong NPR affiliates.

Obituaries: William S. Halsted, 84, one of the developers of FM stereo, died in Woodland Hills CA of pneumonia. In 1959 he received the Popov Medal at the International Electronics Conference in Moscow, and in 1940 installed the first highway advisory radio system on the George Washington Bridge in New York City. Abram Chasins, 83, who reshaped KUSC L. A. into a major classical music outlet, died in New York. James Littlejohn, district manager for Continental Electronics, 61, of a heart attack. Littlejohn resided in Maple Plain MN, was well known among broadcast people in the area, and was an FMedia reader.

Also from W. R. McIntosh: "Jesuits Run Radical Rock Station at LMU." Article talks about Loyola Marymount University's KXLU *88.9 L. A. The students who run the station perceive their job as providing listeners with a "radical, often perverse alternative to the repetitive, pre-programmed sound that characterizes most commercial music stations in the city." Rock format is operative from 2 a. m. to 6 p. m. weekdays, and there are five hours of classical each night. It also features a bilingual, Latin program, "Alma del Barrio" weekends, as well as play-by-play accounts of the school's basketball games. Late evenings include jazz, reggae and contemporary poetry and "sociopolitical discussions." And above, formats, you'll see the change at KCSN Northridge CA, including its controversial transmitter move.

One of those attending the convention in Esko was Al Ellis, who left this note in person: "Having purchased the Magnum/Dynalab FT-101 tuner and realizing the 'run of the mill type antenna' to be inadequate, I bought a Lindsay FM antenna, 10SY FM, to replace my former GA10, now six years old. To my surprise, the SY effort though three times the price of the first antenna gave me at least two or more db's gain and proved more than worth the price asked of over \$200 installed. You may never have heard of Lindsay antennas. They do not as a rule advertise in newspapers, as their business is with the cable television business and their antennae are built to perform and last! As I see it, a tuner like the Magnum should have nothing but the best."

I might point out that people like John Ebeling, Frank Merrill, Tom DePauw, and John Jefferson all spent quite a bit of time comparing their tuners with my Magnum

FT-101 at the convention. John Jefferson's McIntosh MR-80 was the one mainly used in comparison, and they DXed everything from tropo (WFMT 96.7 Chicago was probably the best) to skip on it. I missed Sunday's skip, since I was working, but stations from NC and SC made it, providing some good late-season reception for that type of propagation. My time for checking the two tuners was minimal, but believe the differences were slight. I think Ebeling found the Magnum slightly better than the Mc, at least on lower frequencies, while the others favored the Mc, saying that adjacent channel reception on the lower side of local stations was poorer than on the high side of those channels on the Magnum. They found overload about the same on both. Possibly one of those people will write up a more detailed report later. Testing was by means of an antenna a-b switch, and aux-stereo monitor control on the amplifier, so any station could be instantly compared. The Mc is nice in that it provides for station memories and has a headphone amplifier, while on the Magnum I have added a headphone jack. The next day a second Magnum arrived via UPS, and in comparing that with my own Magnum I found no differences between the two production models.

I now have a UHF antenna and pre-amp mounted temporarily on the "White Tower" (so named because it was built by machinist Bob White) at an altitude of about 15 meters. Tower lashed to basketball pole, but may be permanently installed when we have some concrete work done around here. Joe Gragg came up two days early and remained an extra two days helping, and others helped in the tower erection, including John Ebeling, Pete Mathews, Alain Pepin, Bob Seybold and Al Ellis. Nick Lombardi was one of those offering "good luck" messages for the convention, and Ferdie Dombrowski offered regrets at not being able to attend; he's still in Milwaukee, and is revered by me as one of the founders of the present WTFDA, and the one who inspired me to start the "FM Atlas." Nick says WIBB-FM 100.1 Forsyth GA is still sg, with no format change, even though call letters have changed; reception, however, has not been good enough for him to tell if the station might have embraced stereo.

Also attending was Tim Noonan, who seemed to enjoy the convention and area. He says WOJB *88.9 Hayward WI IDs as Reserve, not Hayward. That is true, but they are licensed to Hayward, and use "Reserve" in their IDs for political reasons, telling me privately that the Hayward community is quite hostile to Native Americans. WYUR 95.9 Ripon is still there, not yet having moved to 96.1.

Frank Aden, Jr., sent some clippings from the NW part of the country. He notes that KETB 102.3 Coeur d'Alene ID still off the air, as is the KMOK Moscow 103.1 translator, K276BV. Frank claims he's heard a translator for KISC 98.1 Spokane WA in Moscow ID or Pullman WA on 97.7. My database shows no station or application for either area on 97.7. A pirate?

One of the clippings Frank sent concerned KBVM *88.3 Portland OR, "Blessed Virgin Mary." The diocese station will be on the air in stereo after building of its studios, with target date of Oct. 1 announced. Rick Schmidt, formerly from KNOM (AM) in Alaska, will be the general manager and program director. Station will be on 12 hours a day initially, with a goal of 18 hours eventually. Apparently, KBSU Boise has gotten approval to move from 91.3 to *90.3 and go up to 19,000 watts to a transmitter site at Deer Point. More on this when I get official word from the FCC. "The FCC approval comes one week after KBSU received notice by the Corporation for Public Broadcasting that it is fully qualified as a public radio station...To receive accreditation, radio stations must have a 3000 watt signal (?); employ five full-time staff members; have a budget of at least \$150,000; offer a diversified program including education material; and be on the air 18 hours per day. The station is one of 297 in the country with CPB qualification." KBSU expects to get a \$60,000 community service grant this fall, while the construction project will total \$200,000, and should be completed by Nov. 1988. KBSU awaits FCC approval for a translator station in McCall ID. "If the McCall station is approved, you can drive from Boise to McCall and monitor the signal through the whole trip," said Jim Paluzzi, general manager of the station. Frank is trying to get additional information on low-power stations in his area, using

the Freedom of Information Act. "Will let you know how successful it is."

Eric Bueneman sent a home-made graph allegedly showing how FM has declined in St. Louis area listening, compared to AM, "estimated from Arbitron." FM listening supposedly peaked in 1984-85 at 65% of the radio audience, dropping to about 60% in 1986 and 55% in 1987, with a margin of error "plus or minus 5%." The graph provided shows the rise and apparent decline of FM radio in the St. Louis area. St. Louisans have been slowly returning to AM. Some of this can be attributed to the popularity of the St. Louis Cardinals baseball club and the popularity of KUSA's "Gutbusters" morning show, which has taken second place away from KSHE 94.7's "Morning Zoo". KXOK 630, which recently returned to r (CHR) from t[alk], actually has a better rating than KWK 106.5, a similarly-formatted station! Before long, a heated battle will ensue between KXOK 630 and KHTR 103.3. Personally, I like KXOK better, because they mix the current stuff with music from the '50s, '60s and '70s, while KHTR plays "The Best of the '80s". And in the k[country] wars, AM stereo KUSA 550 seems to have taken the lead away from WLL-FM 92.3.

"If the American AM Band sounds bad, as many people perceive, the European AM band sounds better than here, because of FCC band mismanagement. In Europe, AM stations separate neatly with a minimum of adjacent-channel interference, and even mega-watt stations can be tuned in at 9 kHz! The European AM broadcasters transmit audio comparable in quality to FM; that's because modulation standards are different—90% modulation by day and 85% modulation by night. That's as close to MF-FM as you can get. It's time that the FCC put a stop to this madness known as deregulation, because all this is doing is messing AM and FM up! In my opinion, letting American AM stations use European modulation standards can be a step in the right direction. I wonder how those European AM stations would sound if they had C-Quam AM stereo. Robert Grant, that's food for thought, and that's how it's done across the Atlantic. In reference to 108-132, those cannot be used as dial settings, because that'll make people think the station is illegally broadcasting in the VHF aviation band."

I tend to agree with Eric on the latter point, and the more we listened and the more we heard Robert Grant try to explain his system at the convention, the more I (at least) became confused. I am sorry I had to call the session short, but we were all tired that Saturday night after a big meal, and sitting through other presentations. Even Joe Gragg's technical question and answer session had to be called short. There was so much to cover in so limited a time! Many of the sessions were put on audio tape, and Dave Nieman may announce ways to get copies. Tom and Darryl video taped Friday night's session, and many took still pictures. John Broomall conducted an excellent business meeting, even though no board of directors members were present. Experiments in getting Ku-band satellite reception were a dismal failure, using a Ku-band dish, feed horn and LNAs.

We even rented a porta-john to accommodate those who camped on the property, and offered separate men's and women's bathrooms inside. John Broomall came with several excellent WTFDA, "I Love DX" tee-shirts, which can probably also be bought by mail. Check his column for information. Those trying to out-walk a special signal generated on the grounds were unable to do so, and my application for a translator on 103.9 awaits FCC action. I had hoped it would be on the air by convention time!

A tour of WKLF-FM-AM Cloquet, including its transmitter, featured a lively technical talk by its chief engineer, Bill Meyers. He spoke also of the SCA use made by WAKX 98.9 Duluth, and its network of translators. Seybold and others kept a log of VHF skip and UHF DX received, and that information may appear in other columns. Carol did well with the hosting of the convention, and she was ably assisted by Ira Ebeling. We are slowly recovering, and may again want to offer a convention at this location—if anyone is willing to come back! Roger Gravelle, from Ontario, offered valuable advice on running retail properties, which business we're hoping to be out of! (We have two offers to buy our five apartments from two different parties.)

73ily, *[Signature]*

TV-CCI AIDS

John F. Combs
1308 Willow Branch #24
Jacksonville FL 32205

HINTS AND HELPS FOR IDENTIFYING YOUR DX

NEWS NAMES:

WKRN-2 Channel 2 News
WPMY-2 News 2
KPRC-2 Channel Two News
WJBK-2 Eyewitness News
WDTN-2 2 News
KNOP-2 Newscenter 2
KJRH-2 Newscenter 2
KMTD-2 Big 2 News
WLBZ-2 Newscenter 2
WBAY-2 Action 2 News
WGRZ-2 Newscenter 2
KOTA-3 Newsline
KMTV-3 Newscenter 3
KTV-3 Eyewitness News
WRCB-3 Eyewitness News
KSNW-3 KSNW News
KFDX-3 Newscenter 3
KIMT-3 Eyewitness News
CBHT-3 First Edition
(1700 EDT)

WSTM-3 3 News
KTVS-3 Newscenter 3
WLBT-3 WLB 6 P.M. Report
KATC-3 Action 3 News
WSAZ-3 Newscenter 3
WIVB-4 News 4 Buffalo
KAMR-4 Action News 4
Midday on 4
KTVY-4 News 4 Oklahoma
KMOL-4 News 4 San Antonio
KDFW-4 Channel 4 News
KXJB-4 KX-4 News
KGBT-4 Newscenter 4
First News

CBOT-4 Newsday
WCMH-4 News 4 Columbus
WTVH-5 Newscenter 5
CBLT-5 Newsfinal (2300 EDT)
WCYB-5 Newscenter 5
WTVF-5 Eyewitness News
WATE-6 Eyewitness News
WOVT-6 Action News
WTVR-6 News 6
WKBW-7 Eyewitness News
WSPA-7 Eyewitness News
(2300 EDT subtitled
"Nightwatch")

KVIA-7 News 7
WHIO-7 Newscenter 7
KTPX-9 Eyewitness News
CFTO-9 CFTO-TV News
WBIR-10 Action 10 News
WJHL-11 Eyewitness News
WHAS-11 Action 11 News
WBAL-11 News Eleven
WWBT-12 12 News
WXII-12 Channel 12 News
WLOS-13 News 13
WTVG-13 13 News
CKCO-13 Scan News

NEWS NAMES:

WLYH-15 Action News 15
WLEX-18 Newshour (1730 EDT)
18 News Nightside
(2300 EDT)
WKPT-19 Newswatch
(subtitled 'First Edition'
at 1800 EDT, 'Night-
side' at 2300)
WUTR-20 Eyewitness News
WHP-21 News 21
WKEF-22 22 Alive News
WYOU-22 News 22
WHAG-25 News 25 Alive
WTVK-26 Newscenter 26
Night Report
WKYT-27 27 NewsFirst
WLKY-32 Channel 32 News
WMGC-34 First News 34
CITY-57 CityPulse

SSB TYPES:

WCYB-5 (1) Identical to WRDW-12 as described
in the July 1987 TV-CCI AIDS column.
For now, we will count this as a
new standard and code it ACMsb (for
A Capella Men's chorus). (See the SSB
feature later in this column)
(2) Scenes of Lake Mead, ends with Iwo
Jima monument. Not the same as the
AMMsb (described later in this
column). Music played by "a guitar
instrument."
WSJK-2 Still photos like Mt. Rushmore, Jet
planes, lady holding a flower, etc.,
ending with large U.S. flag. (Audio
not indicated)
CHFD-4 "O Canada" sung by children's group, all
wearing "O Canada" t-shirts. The lead
singer (female) starts it off, stand-
ing in front of the others. The group
is shaped like a pyramid with the
"point" in front.
WDCN-8 SSB sung by the "Hunter Lane Madrigals."
WJHL-11 "Starts with planes taking off and a
capella men's group." May be the
same as the ACMsb used by WCYB-5 &
WRDW-12. (Is it, Matt?)
WJKS-17 Uses the MFLsb as described later in
this column.

↑ A NOTE ON 3/4 COLOR BAR PATTERNS: Matt Sittel ↑
↑ correctly points out there are two dark blue ↑
↑ squares on either side of the white square in ↑
↑ many 3/4 CB TPs. However, these do not enter into ↑
↑ our classification system as described in the ↑
↑ July 1987 VUD. These squares actually do not show ↑
↑ up on black-and-white receivers! ↑

TP TYPES:

WSJK-2 Std 3/4 CB w/no ID
GS w/no ID
WCRD-2 Std 3/4 CB w/ID at bottom
WJXT-4 3/4 CB (7x-2+-s) w/ID at bottom
WCYB-5 Std 3/4 CB w/large ID
WECT-6 Std 3/4 CB w/DT in LR, no ID
Circular TP (sim. to WSAV-3)
WDCN-8 Std 3/4 CB w/no ID
(GS=Grey Scale LR=lower right, etc.)

A Grey Scale is like a full CB pattern, but using various shades of grey. It may show up greenish on some color receivers. WSJK-2 is also reported to use a grey pattern with one single dark grey bar located about where the next-to-the-last bar would be located in a GS, the rest of the screen being light grey. (I hope that made some sense, hi!)

MOVIE NAMES:

WKRN-2 Award Movie
WZTV-17 Terror Theatre
Great Horror Movie
WCAY-30 7:00 Movie
WETO-39 Cinema 39

STL CALLS:

WSJK-2 WGR-93
WGR-94
WCYB-5 KIS-44
KCS-8909
WJHL-11 KTY-92
KX-6204
WLOS-13 KTO-70
WKPT-19 KBI-93
WIL-72
WDF-36
KBG-84
WFW-690
E-2606

TV-CCI AIDS

SEPTEMBER 1987

SLOGANS:

WGRZ-2 "Working Hard to be Buffalo's Best" WDIV-4 "Go 4 It!"
WBRZ-2 "Together with You" WHIO-7 "The Leader"
XHY-3 "Nuestra Television--La Imagen" WNNY-7 "United with You" →
Espectacular WDCN-8 "Your Channel 8"
WSMV-4 "Hello, Nashville!" WBIR-10 "Straight from the Heart" →
"We're 4 the Family" (CONTINUED NEXT TIME)

The slogans "Come Home to... (calls)" and "Share the Spirit" are used by NBC and CBS affiliates, respectively, in imitation of the current network slogans.

FEATURE #1: Those Record Ads

Many a DXer late at night has stared at a weak tropo signal, watching seemingly endless reels of "They Saved Hitler's Brain" or another cinematic masterpiece, hoping and praying for a local ad of some sort to ID the station. Lo and behold, it comes: "The Complete Hits of Dave Kofoulatz and his Garbage Can Five" on LP cassette, 8-track, CD, or wax cylinder, available from (who else?) K-TEL RECORDS! (Ta-da!) The DXer waits breathlessly through the pitch until that magical moment when the announcer intones "here's how to order!" Up comes the mailing address, the DXer notes the city of the address, and IDs the station!

Well...maybe. Many of these el cheapo record offers (as well as the Veg-O-Matic, the Pocket Fisherman, and other things you can't live without) use the local station airing the ad as a clearing house for the offers, channeling them through the station's address. But it ain't necessarily so. Sometimes a national address is utilized that has nothing whatsoever to do with the local station airing the ad. And this can lead to a mis-ID.

Suppose I'm sitting here in Jacksonville watching a pretty decent Atlantic coastal tropo opening. I've logged several stations in SC and NC. Suddenly, an UNID channel 9 runs an ad for the Ronco Magic Exploding Toilet Seat (Loads of Fun! Fool your friends!) with a New York City address at the end. WOW!!! Isn't that neat! I just saw WWOX-9 from Seacaucus/New York City!!

No, I didn't. It may well have been WNCN-9 in Greenville NC. How to be sure? I suggest never, ever, claiming a new station through a record ad unless the address shown on the screen is verified through an appropriate reference book (Television Factbook, Broadcasting Yearbook), or by writing/calling the station in question. If the address or P.O. Box is identical, you've nailed it! If not, keep searching!

Feature #2: Star-Spangled Banner Variations

Twelve years ago, during the initial series of this column, we had identified at least eleven different SSB sign-off films known to be in use by more than one station. We coded these for easy reference and began to identify which TV stations used which SSB. Many of these may still be in use today. Just the other night I observed my local WJKS-17 using the "Marine Flag Lowering" version as described below. I would like to repeat the 11 previously-identified types, and their descriptions, as a starting point for updating SSB types. If you note any stations using these versions, please let me know!

AFssb---Air Force: various USAF aircraft and missiles (instrumental audio)
AMMsb---Arlington Marine Memorial: various shots of the monument to the WWII flag-raising on Iwo Jima (instrumental)
DCssb---District of Columbia: various buildings in DC such as White House, Lincoln Memorial, etc. (instrumental)
FMHssb---Fort McHenry: various scenes of Fort McHenry (instrumental)
MFLssb---Marine Flag Lowering: flag lowering ceremony with Marine personnel.... ends with drum major cutting off band, then about-face towards camera
NFRssb---Navy Flag Raising: flag raising ceremony with Naval personnel (instrumental)
NVSssb---Navy: various Naval warships (instrumental)
NPssb---Naval Personnel: Naval ships and aircraft, but also close-ups of various Naval personnel (instrumental)
PFUssb---Period Flags and Uniforms: honor guards in historical uniforms pass in review carrying various historical U.S. flags (instrumental)
RSSb---Revised Stanzas: scenes of Americans at work, play, voting, prayer, etc. (audio is a woman, with guitar, singing the lesser-known stanzas of the SSB....yes, there really are others!)

USHssb---U.S. History: montage of still scenes from U.S. history (photos and drawings) ending with a photo of the U.S. flag on the Moon (audio is a unique instrumental arrangement....one time through the entire SSB with conventional harmony, then the music returns to the second part of the SSB (where the words begin "...and the rocket's red glare..." with unusual harmonies used under the melody....ends with a brief "coda" tacked on featuring high trumpets)

All except the last two use traditional band arrangements of the SSB, usually in the key of B-flat. If you see any SSBs that differ from these, be sure to describe them thoroughly! (Where do stations get these films, anyway??)

CONTRIBUTORS to this month's TV-CCI AIDS included Matt Sittel (TN), Greg Coniglio (NY), Erich Schulman (TN), and Roy Barstow (MA). Roy sent several pages of "silent hours" for stations, but this is the type of info that can be gleaned from TVGs. (Thanks anyway, Roy!). Some multi-city IDs, and more, next time!



FRED NORDQUIST
7945 BOXFORD RD
CLAY, NY 13041
DEADLINE: the 5th

AS OF 8/6/87

ALL-TIME FM DISTANCE RECORDS

FM STATISTICS

FMZ PR CALL	STATE/LOCATION	DIST DEXER-LOC	FMZ PR CALL	STATE/LOCATION	DIST DEXER-LOC	FMZ PR CALL	STATE/LOCATION	DIST DEXER-LOC
88.10 ES WCRP	AR GUYANA	2280 DBU OK	90.70 AU KMMU	MO ST LOUIS	858 JFE NJ	93.70 MS WCMR	MA LAWRENCE	1501 RCO OK
88.10 TR KSEJ	TX HEBLE	685 KPL AL	90.90 ES KMMU	MO WARRENSBURG	1534 JJE CA	93.70 AU KMMU	MA WINNER	682 ABO IL
88.10 MS KAT	TX LUBBOCK	1146 FMEZOH	90.90 TR KUNI	IA CEDAR FALLS	828 FND NY	93.90 ES KILD	CO COLORADO SPRING	1835 EDO MA
88.10 TR DBFZ	DE CHARLOTTE	788 DNI NY	90.90 MS CBX	AT EDMONTON	1170 JJEZCA	93.90 TR WBUS	FL MIAMI BEACH	1152 GHA TX
88.30 ES CRJL	ON AANA	1480 PDY TX	90.90 AU KUNI	IA CEDAR FALLS	589 FMC ND	93.90 MS WMLL	FL MIAMI BEACH	1386 SCH ON
88.30 TR KHCN	WI COLFAX	512 FMC ND	91.10 ES JBC-2	JAMCOOPER'S HILL	1950 JPI NM	93.90 AU WMLL	FL MIAMI BEACH	838 ABO IL
88.30 MS KHRP	LA NEW ORLEANS	1189 DNI NY	91.10 TR WFMJ	FL JACKSONVILLE	1013 GHA TX	94.00 ES KMT	AL MONTERREY	1382 JEB MN
88.30 AU WAPU	NY SYRACUSE	670 ABO IL	91.10 MS KJFN	MA ST PAUL	1123 GHA TX	94.12 ES AKLH	MA DUNSTON	1695 TFL KY
88.42 ES TST	SC GUATEMALA	1136 GHA TX	91.10 AU KJFN	MA ST PAUL	739 DNI NY	94.10 TR KETZ	AR LITTLE ROCK	1843 FND NY
88.50 ES KHPF	MS RAMBOUR	1955 PDY TX	91.30 ES WJPR	PR SAN JUAN	1806 CHD OH	94.10 MS KBT	TX BEAUMONT	1192 PSA ON
88.50 TR WJVF	FL TAMPA	984 PDY TX	91.30 TR WJHS	FL MIAMI	1148 GHA TX	94.10 AU KJFN	KS KANSAS CITY	881 DNI NY
88.50 MS WJFD	MO WINSTON-SALEM	1161 GHA TX	91.30 MS KJUA	AT DRUMHELLER	1055 JJEZCA	94.30 ES KJFN	CA SAN FERNANDO	1510 DND IA
88.50 AU WAMU	DC WASHINGTON	932 JEB MN	91.30 AU WJNY	NY SYRACUSE	538 RBR MI	94.30 TR WJFN	FL RIVIERA BEACH	1138 GHA TX
88.70 ES WJSE	FL TAMPA	2386 JJEZCA	91.50 ES KJRR	JAMORACABESSA	1950 JPI NM	94.30 MS WJFN	TN DAK RIDGE	1221 FMC ND
88.70 TR WJSE	FL TAMPA	561 BELZNM	91.50 TR WJFU	FL TALLAHASSEE	861 PDY TX	94.30 AU WJFN	MA WINTHROP	743 RBR MI
88.70 MS WJHA	WI MADISON	1088 GHA TX	91.50 MS WJMD	WI SURING	1219 GHA TX	94.50 ES WJMD	FL NAPLES	1657 FMCZND
88.70 AU WJHA	WI MADISON	884 FMC ND	91.50 AU WJMD	NY TROY	512 FME MI	94.50 TR KJMB	LA LAFAYETTE	876 RBR MI
88.80 ES WJBT	GU GUATEMALA	1148 PDY TX	91.70 ES KJRW	MN WORTHINGTON	1173 JPI NY	94.50 MS KJMB	MN ST PAUL	1113 PDY TX
88.90 ES WJBU	KY RICHMOND	2828 JJEZCA	91.70 TR KJRU	OK STILLWATER	781 BEL NM	94.50 AU KJMB	VA RICHMOND	575 RBR MI
88.90 TR WJBU	TX CHATTANOOGA	868 GHA TX	91.70 MS KJRU	OK STILLWATER	878 FMC ND	94.70 ES KJRV	MO SPRINGFIELD	1569 JJEZCA
88.92 MS WJES	TX CHATTANOOGA	868 GHA TX	91.70 AU KJRW	MN WORTHINGTON	861 DNI NY	94.70 TR KJTS	MO SPRINGFIELD	663 BELZNM
88.90 AU WJBU	TX CHATTANOOGA	745 FND NY	91.90 ES WJSTU	IL CARBONDALE	1740 JPIIA	94.70 MS KJST	TX EL PASO	1073 ABO IL
88.90 ES WJBT	ES SAN SALVADOR	1246 PDY TX	91.90 TR WJSTU	IL CARBONDALE	791 GHA TX	94.70 AU WJST	TX EL PASO	512 FME MI
89.10 ES KJFE	WA RICHMOND	1628 PDY TX	91.90 MS WJHM	WI WAUSAU	1812 RMO LA	94.80 ES WJST	SU GUATEMALA	1136 GHA TX
89.12 TR WJST	FL GAINESVILLE	978 PDY TX	91.90 AU WJSTU	IL CARBONDALE	741 FMCZND	94.90 ES WJST	FL MIAMI BEACH	1194 FMC ND
89.10 MS WJST	FL GAINESVILLE	947 DNI NY	92.00 ES WJSTU	TAMCO VICTORIA	873 GHAZCA	94.90 TR WJST	FL MIAMI BEACH	1194 FMC ND
89.10 AU WJBU	KS WICHITA	651 RBR MI	92.10 ES KJAT	AT CALGARY	1765 DNI NY	94.90 MS WJST	CA DECATUR	1342 FMC ND
89.20 ES WJST	TAMTAMPA	974 GHAZCA	92.10 TR KJAT	MB WINTHROP	842 FME MI	94.90 AU WJST	IA DES MOINES	680 FMC ND
89.30 ES WJST	IL E MADISON	1696 JJEZCA	92.10 MS WJSA	GA JACKSON	929 SGR IA	95.00 ES WJST	MA HAMILTON	1374 RBR MI
89.30 TR WJST	FL PENSACOLA	888 RBR MI	92.10 AU WJST	WI SUN PRAIRIE	368 ABO IL	95.10 ES KJRD	CO COLORADO SPRG	1535 DNI NY
89.30 MS WJST	WI CHILLON	1168 GHA TX	92.15 ES WJMC	OK HARRAN	1299 GHAZCA	95.10 TR WJST	FL JACKSONVILLE	1113 GHA TX
89.30 AU WJST	WI NORTHFIELD	712 SCH ON	92.30 MS WJBD	FL DARLAND	1743 FMC ND	95.10 MS WJST	WI MARINETTE	1146 RBR MI
89.40 ES WJST	GU GUATEMALA	1168 GHA TX	92.30 TR WJBD	FL DARLAND	1038 GHA TX	95.10 AU WJST	WI MARINETTE	651 RBR MI
89.50 ES WJST	PA HERSHEY	1451 PDY TX	92.30 MS WJML	AL MONTGOMERY	1064 JEBZNM	95.30 ES WJVA	VA PETERSBURG	1439 FMC ND
89.50 TR WJST	NY PORTALES	966 JAY TX	92.30 AU WJST	OR PORTLAND	1817 FMC ND	95.30 TR WJST	FL APOPKA	1829 GHA TX
89.50 MS WJST	NY PORTALES	1072 RST IN	92.50 ES WJST	FL PANAMA CITY	1589 FMC ND	95.30 MS WJST	FL APOPKA	1829 GHA TX
89.52 AU WJST	CT BRIDGEPORT	798 ABO IL	92.50 TR WJST	FL KEY WEST	1889 PDY TX	95.30 AU WJST	ON HAMILTON	378 SRE CT
89.60 ES WJST	SC GUATEMALA	1136 GHA TX	92.50 MS WJST	TX DALLAS	1466 JJE CA	95.40 TR WJST	TAMTAMPA	491 GHA TX
89.70 ES WJST	FL TAMPA	2386 JJEZCA	92.50 AU WJST	OH TOLEDO	749 FMCZND	95.50 ES WJST	FL FT PIERCE	1619 FMCZND
89.70 TR WJST	FL MIAMI	1155 PDY TX	92.70 ES WJST	FL STUART	1503 BELZNM	95.50 TR WJST	TX AUSTIN	894 RBR MI
89.70 MS WJST	TX DENNISON	1131 LVO VA	92.70 TR WJST	LA JENNINGS	657 JPI NY	95.50 MS WJST	KS DODGE CITY	1195 JJEZCA
89.70 AU WJST	MA BOSTON	914 ABO IL	92.70 MS WJST	WI WAUSAU	431 PSA ON	95.50 AU WJST	CO HIGH POINT	684 SCH ON
89.90 ES WJST	FL JACKSONVILLE	1629 FMC ND	92.70 AU WJST	MA DUNSTON	425 FMC ND	95.70 ES WJST	PR RIO PIEDRO	1855 DNI NY
89.90 TR WJST	FL JACKSONVILLE	1813 GHA TX	92.90 ES WJST	MA DUNSTON	1644 JJE CA	95.70 TR WJST	AR LITTLE ROCK	1843 FND NY
89.90 MS WJST	AT BRUCE	905 LVO VA	92.90 TR WJST	AL MOBILE	891 DNI NY	95.70 MS WJST	CA ANIMORE	1177 DNI NY
89.90 AU WJST	WI BRUCE	905 LVO VA	92.90 MS WJST	TX SAN ANTONIO	1251 CHD OH	95.70 AU WJST	CA ANIMORE	1177 DNI NY
90.02 ES WJST	FL SAN SALVADOR	1233 GHA TX	92.90 AU WJST	VT BURLINGTON	841 ABO IL	95.90 ES WJST	MA FARRIBAUT	1561 JJEZCA
90.10 ES WJST	TX HOUSTON	2801 NM BC	93.10 ES WJST	TX EL PASO	1818 DND IA	95.90 TR WJST	KS RUSSELL	654 GHA TX
90.12 TR WJST	TX HOUSTON	888 JDO FL	93.10 TR WJST	NY SYRACUSE	822 BEL NM	95.90 MS WJST	PA MONTREAL	852 ABO IL
90.10 MS WJST	IL CHICAGO	1863 GHA TX	93.10 MS WJST	SC STURGIS	1183 RMO LA	95.90 AU WJST	MA FARRIBAUT	1477 FMC ND
90.12 TR WJST	MA COLLEGEVILLE	766 SCH ON	93.10 AU WJST	MI DETROIT	541 JEB MN	95.90 ES WJST	CT BRISTOL	1548 DND IA
90.30 ES WJST	TX CORPUS CHRISTI	1598 FND NY	93.20 ES WJST	AL MONTERREY	1385 RBR MI	96.10 TR WJST	FL JACKSONVILLE	1016 PDY TX
90.32 TR WJST	WI HOLMEN	812 LVO VA	93.20 TR WJST	AL MONTERREY	274 GHA TX	96.10 AU WJST	TX DALLAS	1224 PDY TX
90.32 AU WJST	WI HOLMEN	1891 GHA TX	93.32 ES WJST	MO KANSAS CITY	184 JJEZCA	96.12 AU WJST	CA ANIMORE	1177 DNI NY
90.32 TR WJST	FL TAMPA	704 FMCZND	93.32 TR WJST	FL TAMPA	584 PDY TX	96.30 TR WJST	IL CHICAGO	1842 JJEZCA
90.52 ES WJST	CA JAMALISPA TREE	1950 JPI NM	93.32 MS WJST	TX PORT ARTHUR	1135 PSA ON	96.30 AU WJST	FL TAMPA	1155 PDY TX
90.52 TR WJST	MA LANING	931 RMO LA	93.30 AU WJST	OH YOUNGSTOWN	683 JEB MN	96.30 MS WJST	FL TAMPA	1155 PDY TX
90.52 MS WJST	MA LANING	985 FND NY	93.50 ES WJST	MS PARSONS	1439 JJEZCA	96.32 AU WJST	MI DETROIT	541 JEB MN
90.52 AU WJST	MA LANING	1026 FMCZND	93.50 MS WJST	MS CLINTON	937 PSA ON	96.50 ES WJST	PA FAJARDO	1998 ABO IL
90.70 ES WJST	MA LANING	1589 JJE CA	93.50 AU WJST	MA LANING	239 RCO OK	96.50 TR WJST	TX CORPUS CHRISTI	967 ABO IL
90.70 TR WJST	MA LANING	1589 JJE CA	93.70 ES WJST	PR SAN JUAN	2263 RCO OK	96.50 AU WJST	TX CORPUS CHRISTI	967 ABO IL
90.70 MS WJST	FL PALM BEACH	1138 DNI NY	93.70 TR WJST	TX HOUSTON	1184 CHD OH	96.50 AU WJST	CT HARTFORD	565 FME MI

FM STATISTICS

FMZ PR CALL	STATE/LOCATION	DIST DEXER-LOC	FMZ PR CALL	STATE/LOCATION	DIST DEXER-LOC	FMZ PR CALL	STATE/LOCATION	DIST DEXER-LOC
96.70 ES KXSL	ON KITCHENER	1438 JPI NM	100.10 TR WJBD	IL SALEM	738 FND NY	103.50 AU KDA	CO DENVER	696 JEB MN
96.70 TR WFCB	OH FOSTORIA	581 BELZNM	100.10 MS CBXK	AT LETHBRIDGE	938 JJEZCA	103.70 ES WJST	VA RICHMOND	1494 JPI NM
96.70 MS NONE		0	100.10 AU WJLS	VA ASHLAND	564 RBR MI	103.70 TR KKKY	AR LITTLE ROCK	1176 RBR CT
96.70 AU WJOL	IL JOLIET	347 JEB MN	100.30 ES KJLS	TX SAN ANTONIO	1564 FND NY	103.70 MS KJVL	TX DALLAS	1274 SCH ON
96.90 ES KVMV	TX MCALLEN	1463 BELZNM	100.30 TR WJST	PA MEADVILLE	691 BELZNM	103.70 AU KJVL	IA DAVENPORT	642 SCH ON
96.90 TR KVMV	FL FT MYERS	1037 PDY TX	100.30 MS KJST	TX DALLAS	1098 FMC ND	103.90 ES KJST	MS HIRATHA	1428 JJEZCA
96.90 MS WJUP	MI GRAND RAPIDS	792 GHAZCA	100.30 AU WJST	IL ALTON	712 SCH ON	103.90 TR WBBY	OH WESTERVILLE	817 DBU OK
96.90 AU WJUP	AT ATLANTIC CITY	785 STO IN	100.50 ES WJMS	VA NORFOLK	1568 JPI NM	103.90 MS NONE		0
97.10 ES KESL	TX FT WORTH	1487 WND CT	100.50 TR WERT	IL JACKSONVILLE	811 FMC ND	103.90 AU NONE		0
97.10 TR WJEB	LA NEW ORLEANS	863 RBR MI	100.50 MS WKEE	MA HUNTINGTON	856 GHAZCA	104.10 ES KARE	TX HOUSTON	1506 JPIIA
97.10 MS WJEB	AR CAMDEN	1076 SCH ON	100.50 AU WAKI	IN KOKOMO	692 FMCZND	104.10 TR KARE	TX HOUSTON	986 RBR MI
97.12 AU WJOD	MA SPARTA	591 FMC ND	100.70 ES WDAE	FL TAMPA	1743 FMC ND	104.10 MS KJJO	MN ST LOUIS PARK	1187 PDY TX
97.30 ES WJOD	FL MIAMI	1596 BELZNM	100.70 TR KADR	TX ABILENE	799 JAY TX	104.10 AU WJKY	IN EVANSVILLE	559 JEB MN
97.32 TR KEEZ	TX SAN ANTONIO	1183 RBR MI	100.70 MS WJUR	FL FT LAUDERDALE	1268 GHAZCA	104.30 ES KATC	NC TARBORO	1485 JPI NM
97.32 MS KJFI	KS GARDEN CITY	1248 SCH ON	100.70 AU KGBI	MA OHAMA	554 FMC ND	104.30 TR WJYP	AL ATHENS	711 RBR TX
97.32 AU WJFI	IA DES MOINES	782 SCH ON	100.90 ES KGRJ	CA TRACY	1442 GHA TX	104.30 MS WJMC	MI DETROIT	983 FMC ND
97.50 ES KJAT	TX EL PASO	1678 RSE NY	100.90 TR WJGI	AL UNION SPRINGS	724 DND IA	104.30 AU WJMC	MI DETROIT	745 FMCZND
97.50 TR WJCV	FL WINTERHAVEN	1027 PDY TX	100.90 MS NONE			104.50 ES WJAT	FL W PALM BEACH	1895 FMC ND
97.50 MS KJCV	TX EL PASO	1168 ABO IL	100.90 AU KADR	MN LUVERNE	406 FMC ND	104.50 TR WJST	OH WOOSTER	654 BELZNM
97.50 AU WJCV	NY WATERLOO	783 ABO IL	101.10 ES CFMI	BC WESTMINSTER	1827 RBR MI	104.50 MS KEXL	TX SAN ANTONIO	1183 RBR MI
97.70 ES WJCF	BC VANCOUVER	1526 JPI NM	101.10 TR KLOD	TX HOUSTON	986 RBR MI	104.50 AU WJST	OH WOOSTER	639 JEB MN
97.72 TR KJGL	FL CHEROKEE	733 WND CT	101.10 MS WJDE	LA NEW ORLEANS	1193 SCH ON	104.70 ES WJBO	FL TAMPA	2290 JPIIA
97.72 MS WJCF	VA VIDALIA	829 JAY TX	101.10 AU WJZU	MO CARROLLTON	843 SCH ON	104.70 TR WJBO	FL TAMPA	979 PDY TX
97.72 AU WJCF	PA MONTREAL	586 RSE NY	101.30 ES KJWU	VA HAMPTON	1492 FMC ND	104.70 MS KJLV	SC SIOUX FALLS	898 SCH ON
97.90 ES KJTA	JALAGUADALAJARA	2066 RSE NY	101.30 TR KJFI	KS WICHITA	683 BELZNM	104.70 AU KJCV	SC SIOUX FALLS	524 ABO IL
97.92 TR WJJO	FL PALM BEACH	1142 GHA TX	101.30 MS KJWB	MN RICHFIELD	716 SCH ON	104.90 ES KJSP	LA DAVALLSVILLE	1375 FMC ND
97.92 MS WJJO	OH COLUMBUS	1808 FMC ND	101.30 AU WJZO	NY ROCHESTER	1282 FMC ND	104.90 TR WJRE	CA CHICOVILLE	677 BELZNM
97.92 AU WJJO	TX NASHVILLE	726 SCH ON	101.50 ES WJES	FL ST PETERSBURG	1533 FMCZND	104.90 MS KJCH	NE WYOMING	943 DND NY
98.10 ES KJTX	OH CANTON	2058 FND NY	101.50 TR WJLV	FL MIAMI	1155 PDY TX	104.90 AU NONE		0
98.10 TR KJRG	TX LAREDO	915 KPL AL	101.50 MS WJBA	WI MADISON	758 GHA PA	105.10 ES KJST	MO ST JOSEPH	1465 JJEZCA
98.10 MS WJEX	KY LEXINGTON	1108 FMC ND	101.50 AU WJBE	GA MARIETTA	573 RBR MI	105.10 TR WJBT	FL ORLANDO	1042 PDY TX
98.10 AU KJOL	MO KANSAS CITY	549 FMCZND	101.70 ES KJLO	OK TAHLEIGH	1435 JPIIA	105.10 MS WJYR	FL CORAL GABLES	1147 RBR TX
98.30 ES KJFL	ON KINGSTON	1646 JPI NM	101.70 TR WJTR	SC MYRTLE BEACH	618 SRE CT	105.10 AU WJSM	OH SAELEY	665 JEB MN
98.30 TR KJFL	MA WINTHROP	842 ABO IL	101.70 MS NONE			105.30 ES KJZY	TX DALLAS	1459 ABO CT
98.30 MS KJRB	UT PRICE	613 JJEZCA	101.70 AU WJLS	MI LANING	291 FMC ND	105.30 TR WJSL	LA SLODELL	837 RBR MI
98.32 AU KJCL	ON KINGSTON	684 ABO IL	101.90 ES WJTB	MA FALMOUTH	1576 FMC ND	105.30 MS WJLS	LA SLODELL	1166 FMC ND
98.50 ES KJPC	TX PORT ARTHUR	1650 WJADR	101.90 TR WJAL	LA NEW ORLEANS	905 CHD OH	105.30 AU WJRS	PA PHILADELPHIA	611 RBR MI
98.50 TR KJLZ	AR LITTLE ROCK	1176 RBR CT	101.90 MS KJPD	NE LINCOLN	849 PSA ON	105.50 ES WJRP	VA TAMPA-RICHMOND	1430 FMC ND
98.50 MS KJTY	TX KINGSPOOT	1287 JPI NM	101.90 AU WJRG	WI WAUSAU	683 FMC ND	105.50 TR WJSL	FL NEW PORT RICHEY	959 ABO CT
98.50 AU WJSS	GA ATLANTA	588 RBR MI	102.10 ES KJLY	TX HOUSTON	1546 JPIIA	105.50 MS WJST	TX SPARTA	739 JEB MN
98.50 ES KJBR	SC GUATEMALA	1583 JPI NM	102.10 TR KJLY	TX HOUSTON	986 RBR MI	105.50 AU WJEX	CA SYLVANIA	128 RBR MI
98.72 ES KJSD	CA CENTERVILLE	1568 JJEZCA	102.10 MS KJEE	MN ST PAUL	1020 RBR MI	105.70 ES KJCL	SC VANDLER	126 RBR MI
98.70 TR WJOP	TX DOWNSVILLE	725 BELZNM	102.10 AU KJFD	TX FT WORTH	692 ABO IL	105.70 TR WJOD	MI GRAND RAPIDS	922 RBR MI
98.70 MS WJDE	MO GREENSBORO	1005 GHAZCA	102.30 ES WJPH	NC RANOKO RAPIDS	1479 JPI NM	105.70 MS KJCB	TX HOUSTON	1265 JEB MN
98.70 AU WJFS	MI DETROIT	536 RBR MI	102.30 TR WJLR	KY LOUISVILLE	671 BELZNM	105.70 AU KJCB	TX HOUSTON	1265 JEB MN
98.90 ES KJWF	NY ROCHESTER	1584 PDY TX	102.30 MS NONE			105.90 ES KJHU	CHICAGO	1386 FMCZND
98.90 TR WJEP	FL TALLAHASSEE	661 PDY TX	102.30 AU WJGR	VT ST ALBANS	866 RBR MI	105.90 TR WJXY	FL FT LAUDERDALE	146 ABO CT
98.92 MS KJTL	CA RESINA	1173 RST IN	102.50 ES WJSP	FL ST PETERSBURG	1414 BELZNM	105.90 AU WJXY	FL FT LAUDERDALE	1171 DND NY
98.90 AU WJSP	SC SPARTANBURG	552 RBR MI	102.50 TR WJBN	NY BUFFALO	1181 RAL LA	105.90 AU WJBP	CO DENVER	696 JEB MN
99.12 ES KEEZ	MN MANWAT	1523 JJEZCA	102.50 MS KJID	MN WILLMAR	801 SCH ON	106.10 ES WJGD	MS DUMBERLAND	1445 JPI NM
99.12 TR KJDO	TX HOUSTON	1104 CHD OH	102.50 AU WJBN	NY BUFFALO	738 JEB MN	106.10 TR KJVO	CA WALSFIELD	623 BELZNM
99.12 MS WJBF	FL JACKSONVILLE	1187 JEB MN	102.70 ES WJCK	FL POMPANCO BEACH	1471 JPI NM	106.10 MS KJOC	CA CORVALLIS	459 SCH ON
99.12 AU KJBN	ID IDAHO FALLS	688 FMC ND	102.70 TR WJEC	TX MEMPHIS	812 BELZNM	106.10 AU KJOC	TX DENTON	651 RBR CT
99.30 ES KJFK	BC VANCOUVER	1526 JPI NM	102.70 MS KJVS	MA RICHLAND	1018 GHA TX	106.30 ES WJCO	PA BLAIRSVILLE	143 JPI NM
99.30 TR WJZY	FL COCOA	1878 GHA TX	102.70 AU KJRD	VA RICHLAND	858 FMC ND	106.30 TR WJCO	IL CHAMPESSVILLE	524 BELZNM
99.30 MS WJFC	AL MONROEVILLE	975 JEB MN	102.90 ES WJCO	MN MINNEAPOLIS	1571 JJEZCA	106.30 MS KJPA	TX WERFORD	1332 JJEZCA
99.30 AU WJEN	TX CROSSLAND	298 ABO IL	102.90 TR KJUE	TX HOUSTON	1104 CHD OH	106.30 AU KJVO	WY CHEYENNE	948 RBR MI
99.50 ES WJMS	CA DOUGLAS	2268 JJEZCA	102.90 MS WJBC	TX DALLAS	1274 SCH ON	106.50 ES WJSL	MO BRIDGETON	1558 FMC ND
99.50 TR WJWV	FL ST PETERSBURG	978 PDY TX	102.90 AU WJBS	MI WILLMARKEE	473 SCH ON	106.50 TR WJFL	MA WATERLOO	976 FMC ND
99.50 MS WJAY	DE WASH-NGTON	1382 FMC ND	103.10 ES WJMS	MN WINTHREE	1413 PDY TX	106.50 MS WJST	MO SALLSBURY	969 FMCZND
99.50 AU WJDO	WY HENDERSON	567 JEB MN	103.10 TR KJTO	LA COLUMBUS	556 ABO IL	106.50 AU WJOL	WY WARSFIELD	591 FMC ND
99.72 ES WJCF	AL DOT-AN	1454 FMC ND	103.10 MS NONE		0	106.70 ES WJJO	MA BRISTOL	1543 FMCZND
99.72 TR WJWC	TX MEMPHIS	928 FND NY	103.10 AU KJAN	SD MADISON	368 FMC ND	106.70 TR WJDO	FL FT LAUDERDALE	145 RBR TX
99.72 MS WJWJ	MI JACKSON	1177 RBR CT	103.30 ES KJGV	TX WICHITA FALLS	1548 WND CT	106.70 AU WJDO	MI DETROIT	391 FMCZND
99.72 AU WJWC	TX MEMPHIS	591 FMC ND	103.30 TR KEEZ	TX WACODOGES	982 CHD OH	106.70 AU KJZY	CO DENVER	696 JEB MN
99.90 ES KJSH	TX EL PASO	1678 RSE NY	103.30 MS KJTO	TX WICHITA FALLS	1346 JJE CA	106.90 TR KJVC	TX CONARE	1488 JPIIA
99.90 TR KJRB	TX ROBTOWAN	1175 RBR MI	103.30 AU WJEE	BA ATLANTA	548 FMCZND	106.90 TR KJVC	CA CHICOVILLE	1279 SCH ON
99.90 MS KJTM	NY CLOVET	1869 JJEZCA	103.50 ES KJVN	MN MANWAT	1523 JJEZCA	106.90 MS WJXX	IL DAVALLSVILLE	356 JPI NM
99.90 AU KJFB	MA OHAMA	554 FMC ND	103.50 TR WJSE	FL FT LAUDERDALE	1146 GHA TX	106.90 AU WJST	IL DEERBIE	557 FMCZND
99.92 ES KJTG	MT PLENTYWOOD	1428 FND NY	103.50 MS KJDO	CO DENVER	896 RBR TX	106.90 TR WJST	MO BRIDGETON	1558 FMCZND

FM CALL	STATE/LOCATION	DIST	DIER-LOC	FM CALL	STATE/LOCATION	DIST	DIER-LOC	FM CALL	STATE/LOCATION	DIST	DIER-LOC
187.10 TX KRS	TX ARS	635	CHD OH	187.50 ES MVO	PA BOVETOWN	1385	BH TX	187.70 MS KATC	TX BEAUMONT	1192	POR OH
187.10 MS KOUZ	TX KATHAMSON	629	SHR20K	187.50 TX WMO	SC ST BEADIE	959	DOU OK	187.70 AU K085	MO ST LOUIS	661	PC200
187.10 AU NONE		0		187.50 MS K00K	TX FT WORTH	1230	SCY OK	187.90 ES MFSI	MO ANNAPOLIS	1423	POY TX
187.30 ES JABA	FL ST PETER'S IS	1787	FMC2ND	187.50 AU K0PL	CO LAKELAND	699	JES TX	187.90 TX KTRK	FL W PALM BEACH	1148	BH TX
187.30 TX WMS	SC ANDERSON	990	BH TX	187.70 ES M0NA	NY ALBANY	1660	POY TX	187.90 MS KVAL	TX EDINBURG	1062	RHO IL
187.30 MS WABA	FL ST PETER'S IS	1891	POR OH	187.70 TX WMC	NC GREENVILLE	839	ALE LA	187.90 AU K0UR	IL AURORA	824	NBU CT
187.30 AU MED	OH ELVIRA	613	JES MN								

KEY TO DIER/INITIALS LOCATION (ALL-TIME DISTANCE RECORDS)

INIT	DIER NAME	STATE	CITY	MLD	NLP	MLD	NLP	INIT	DIER NAME	STATE	CITY	MLD	NLP	MLD	NLP
JAY	JIM RIVERS	TX	WFARESBORO	35	51	86	23	ARM	RUS BROWN	MI	ST JOSEPH	42	6	86	29
EDD	ERNEST COOPER	MA	PROVINCETOWN	42	3	70	11	JCO	JOHN COONS	FL	ORLANDO	28	32	81	23
MBU	MIKE BURAT	CT	ENFIELD	41	58	72	36	RCO	ROBERT CHOPER	OK	OKLAHOMA CITY	35	28	97	32
DBU	DANNY BURTON	OK	STILLWATER	35	7	97	4	NBI	NEIL DICKEERSON	MO	SHARPTON	38	26	75	38
SCB	SALL CHERNOS	OH	BURNT RIVER	44	39	78	42	POY	PAT DYER	TX	SAN ANTONIO	29	28	98	36
JEB2	JOHN EBELENG	TX	PROSIT	47	1	92	32	REL	BRUCE ELVING	IN	ADDY	46	47	92	6
JED	JOHN EBELENG	IN	BLOOMINGTON	44	58	93	17	TPL	TED FLEISCHER	NY	LOUISVILLE	38	16	85	45
BE2	BRUCE ELVING	IN	DOUTH	46	47	92	6	SM	STU GRACE	IA	SIOUX CITY	42	38	96	23
JFE	JOSEPH FELA	NY	S PLAINFIELD	40	33	74	23	SHR	GLENN HAUSER	OK	ENID	35	19	97	48
JJE	JOHN JEFFERSON	CA	CONCORD	37	59	122	2	BH	GLENN HAUSER	TX	VON DRY	29	18	98	31
JJE2	JOHN JEFFERSON	CA	PLEASANTON	37	48	121	53	CHD	CHARLON HOWINGTON	OH	UNIONTOWN	40	59	81	25
FMC2	FRED MCCORMACK	ND	FARGO	46	32	96	48	RLS	RON LEBLANC	LA	MARRERO	29	54	98	7
FMC	FRED MCCORMACK	ND	DES LACS	48	17	101	25	SHD	SHAWN HOB	IA	ANGORA	43	23	92	55
FME	FRANK MERRILL	NY	WILSON	40	5	83	40	JP12	JIM PIZZI	CA	SANTA MARIA	34	57	120	26
FME2	FRANK MERRILL	OH	TOLEDO	41	39	83	32	SME	SHELLEY RENTINGTON	CT	NEW HAVEN	41	18	72	56
DN1	DAVID NIEMAN	NY	RAMON	43	1	78	28	POR	PETER SPATZKY	OH	WATERLOO	43	28	88	31
FND	FRED NORDQUIST	NY	CLAY	43	8	76	8	RSE	ROBERT SEYBOLD	NY	DUNKIRK	42	23	79	28
JP1	JIM PIZZI	NY	LOVINGTON	32	57	183	21	STO	STEVE TORFFE	IN	VINCENNES	38	41	87	32
JP11	JIM PIZZI	CA	GRUITY	34	57	120	26	LVO	LARRY VOST	VA	SPRINGFIELD	38	45	77	13
RST	RALPH STROBEL	IN	MUNCIE	40	11	85	23	RMOR	RICHARD WOOD	AT	MEDICINE HAT	50	3	118	48
SME	STEVE WEST	PA	BOVETOWN	39	59	75	18	RMD	RICHARD WOOD	LA	BATON ROUGE	38	23	91	11
FND	FRANK NORD	OR	BEAD	44	3	121	19	REL3	BRUCE ELVING	NE	KEARNEY	40	42	99	5
WBI	WALDO BISHOP	FL	TALLAHASSEE	38	25	84	76	RMI	MATTI NITT	SC	VANCOUVER	49	16	123	7
ABO	ANDY BOLIN	IL	CHARLESTON	39	18	88	10	KPU	KEITH PUGH	AL	NEW HOPE	34	32	86	24
								WMD	BILL MULLIN	CT	BOZONH	41	28	72	36

The long overdue FM Distance Records are finally updated. I've checked past logs thru Aug 87 for records and incorporated them. Check your records for any FM distance records and submit them with baretime Dier location received. Also verify your Great Circle Distance coordinates if you're on the above list. 73 Fred

PHOTO-NEWS

SEPTEMBER 1987

More this month from: Carlon Howington of St. Petersburg, Florida who takes full advantage of a water path to record these great loggings. (mileage figures are your editor's)



KLRT-16
Little Rock, AR
(736) mile tropo
seen April 11, 1987

32

P H O T O - N E W S

Carlon's photo file continues.....



KLTJ-49
Irving/Ft. Worth/Dallas,
Texas
(927) mile tropo
seen April 12, 1987



KOTX-58
Dallas/Ft. Worth,
Texas
(927) mile tropo
seen April 12, 1987



KBVO-42
Austin, TX
(945) mile tropo
seen April 12, 1987

DAVE

33

ANARC UPDATE

RADIO NEW YORK INTERNATIONAL

By now everyone must have heard about WRNI, Radio New York International, the pirate radio station that broadcast from a ship in the Atlantic Ocean off of Long Island. Two radio enthusiasts purchased an old freighter from Honduras and spent several thousand dollars to turn it into a radio ship. They tested the station for 5 days on 1620 kHz, 103.1 MHz, and several shortwave frequencies. Before they could officially go on the air, the FCC boarded the ship and closed the station down. They charged the operators with violations of International and Federal Law.

When most DX'ers found out about the station, it was too late to hear them. I found out what frequencies the station was broadcasting on from a news report about their take over. A couple of days later, I heard two DX shows on two different international stations. One program questioned a report of the station. The second program had a full report of the seizure of the ship. It was obvious that the first show was taped prior to the station becoming common knowledge.

This situation points to a major flaw in the way DX news is disseminated. Many stations are "here today and gone tomorrow". An opening may last a short time. If you are not made aware, you may miss a major DX event or the best opening of the year. Information on a DX program, while being very good, is usually at least a week or more old. The information in a club bulletin is at least a month or more old.

There are several solutions to this problem. The easiest is to persuade an International Broadcaster like WRNI, Radio Discovery or Radio Earth to produce and broadcast a daily DX show. It could feature an 800 number to call in the latest DX tape. On the local level, groups of DX'ers could form a telephone network to inform the other members of an opening or a DX event like WRNI. This is one major area that ANARC should be involved in.

From the reports I've heard, ANARCON '87 was a success. About 300 people attended this year's ANARC Convention. Hopefully, I'll have a full report from a guest reporter in the near future.

Where's my ANARC Newsletter? The newsletter had its problems lately. One problem is finding enough information to fill the newsletter. I suggested that two of three of the best articles of the club bulletin be reprinted in the Newsletter. Hopefully the newsletter will have a new look in the near future. For the time being, the ANARC Newsletter will be a bi-monthly.

ANARC has a new address. For subscriptions to the Newsletter and club lists, write to PO Box 462, Northfield Mn 55057.

Another address of interest to some is to our local LPTV W44AI Hicksville. For information about the station, or to produce your own program write to: Community TV, 110 E. 23rd Street, New York, NY 10010. Please mention W44AI and explain a little about our club.

Are there any similar LPTV's like our TV-44, with a lease time format in your area? I'd like to hear about it. Please tell me the types of programs the station broadcasts and an address where they can be contacted.

It has been a long hot summer. It has not been one without a good DX mystery. On August 2nd, I received a test pattern on channel 53 in the evening. It was coming from the south. Could channel 53 from Atlantic City NJ be returning to the air? Hopefully, by the time this shows up in the VUD, my mystery will be solved.

Well that's it for this month. If anyone wants to contact me, write me at 15 Berry Lane, Hicksville, NY 11801-6203.



WNCS
Stereo 96.7 fm

WNBC-TV4 73's
WNBC-TV-31

Steven P. Sprachman.

NORTHERN FM-DX

Joseph Fela
150 Robert Place
So. Plainfield, N.J. 07080
1-201-755-3852

SEPTEMBER 1987

Deadline: 8th of the month

Although there was less skip in July than June, it was still a very good month. There were 2, very possibly 3, occurrences of 2Es (see the reports of Fred Nordquist, Robert Ross, and Dave Nieman). This season has certainly been the best for skip in many years. And although there wasn't a tremendous amount of trop in July, some of it was quite good. Now for the reports:

RALPH STROBEL - 106 E. DAVIDSON ST. - MUNCIE, IN. - 47303

Equipment: McIntosh MR-78 FM tuner with CM \$ Probe 9 antenna and rotor at 37 feet.
APRIL 1987

22 MS
0949 KENW 89.5 NM Portales 1110
(see end of report for meteor scatter details)
MAY 1987

4 Tr
0156 WHPK 88.5 IL Chicago, j, 100 watts.
Ex-10 w., 88.3, WMUB Off 160

6 MS
0933 KVNE 89.5 TX Tyler, g\$ 810
17 MS
0525 WLVC 96.9 NC Statesville-Charlotte 410

22 Es
1702 KENW 89.5 NM Portales, ID w/89.7 1110
1710 KEZB 93.9 TX El Paso, ment. I-10 1360
1736 KLBj 93.7 TX Austin, r\$, ads 1050

1820 KWYK 94.9 NM Aztec-Farmington
"95-QUICK" 1290

1830 KOAQ 103.5 CO Denver, r\$, ads 1060
1836 KLYT 88.3 NM Albuquerque, g\$ 1260
1842 KKAZ 96.9 NM Farmington, k\$ 1300

1845 KSEC 93.3 CO Lamar, ads, \$ 980
1848 KEZU 94.5 KS Scott City, ad, \$ 880
1859 KSLV 95.3 CO Monte Vista, k\$ 1120

23 Tr
2236 KOPN 89.5 MO Columbia, j\$ 400
25 Tr
0259 KSJN 91.1 MN St. Paul, c\$ 510

JUNE 1987
2 Es
1853 KUVU 89.3 CO Denver, j\$ 1060
1858 KCSU 90.5 CO Ft. Collins, j\$ 1090

1900 K202AS 88.3 WY Laramie, g\$ 1100
10 w. translator, KWBj IDs
1913 KMOR 92.9 NE Scottsbluff-Gering 1000
1917 KZKXt 96.9 NE Seward, "96-KICKS" 650

1920 KNEB 94.1 NE Scottsbluff-Gering, k, \$ 1000
1955 KPPR 89.5 ND Williston, j\$ 1100
1955 KMPR 88.9 ND Minot, j\$ 1000

1955 KCND 90.5 ND Bismarck, j\$ 930
(The above three all // with full IDs)
1958 KVSC 88.1 MN St. Cloud, j\$ 590
"Your Sound Alternative, KVSC"

3 Es
1750 KLZY 92.5 WY Powell, WY news 1220
1751 KMCM 92.5 MT Miles City, r\$, ads 1150

1801 KOLL 96.9 WY Gillette, r\$, nx 1100
1803 KLWD 96.5 WY Sheridan, nx, \$ 1180
1806 KMHA 91.3 ND New Town, nx, \$ 1050

1811 KBYZ 96.5 ND Bismarck, r\$ 930
1815 KYYZ 96.1 ND Williston, ad, \$ 1100
(Co/WALK Richmond, IN)
1829 KDSR 101.1 ND Williston, r\$ 1100

1833 KCND-90.5, KPPR-89.5, and KMPR-88.9 ND
all in unison
5 Tr
0157 WSTZ 106.7 MS Vicksburg-Jackson
r\$, "Z-106" 660

JUNE 5 Tr (continued)
0313 WNKZ 103.5 MS New Albany-Tupelo
r\$, gave address, "KZ-103" 480

0328 WZLQ 98.5 MS Tupelo, k\$, "Z-99" 490
5 Es
0950 KLBj 93.7 TX Austin, r\$ 1050
0959 KOJO 94.1 TX Ft. Worth, LS, SS
Ex-93.9 860

(KOJO has since changed to EE, rock or is
it Christian Contemporary? -jf)
1000 KNON 90.9 TX Dallas, rj\$ 850
1005 KGNZ 88.1 TX Abilene, g\$ 1030

1008 KMMX 106.7 TX Terrill Hills-SAT
r\$, "K-MIX" 1135
1014 KDLZ 107.5 TX Ft. Worth, r\$ 860
1016 KNEZ 100.3 TX Dallas, b\$

(Previous via Tr) 850
1019 KPSM 99.3 TX Brownwood, r mono 1040
1021 KETR 88.9 TX Commerce, PSA, \$ 790
1022 KSCS 96.3 TX Ft. Worth, k\$ 850

1026 KDNT 94.5 TX Gainesville, k\$, ads 850
1030 KFLQ 91.5 NM Albuquerque, g\$ 1260
1036 KGEE 99.9 TX Monahans, k\$ 1135
1044 KBIL 92.9 TX San Angelo, \$ 1110

1102 KENW 89.5 NM Portales, nx, \$ 1120
8 Tr
0146 KABF 88.3 AR Little Rock,
p, faint 565

8 Es
1141 KTSU 89.5 CO Pueblo, r\$ 1070
9 MS
0530 WEQR 96.9 NC Goldsboro 540

11 Tr
0033 WJJD 93.9 KY Burnside, r\$, "BJ-94"
(My first Class A on a B/C Frequency) 260
0501 WHIC 94.3 KY Hardinsburg, s/on, \$ 200

0557 WYCE 88.1 MI Wyoming, LS
(SS IDs one minute before WVPE Elkhart s/on)
145

14 Es
1133 WYNF 94.9 FL Tampa, r\$ 905
1148 WPD5 93.3 FL Tampa, r\$ 905
1149 WKPX 88.5 FL Sunrise, r\$ 1050

1150 WEOV 92.5 FL Key West, r\$ 1140
1201 WMMF 88.5 FL Tampa, e\$ 905
1206 WEDR 99.1 FL Miami, r\$ 1090

1220 KYKR 93.3 TX Port Arthur, k\$ 910
1232 KTXF 100.3 TX Brownsville, k\$ 1300
1255 KMMX 106.7 TX Terrill Hills-SAT
r, \$ 1135

1326 KSTE 93.9 TX Corpus Christi, r\$ 1190
1331 KRY5 99.1 TX Corpus Christi, k\$ 1190
1358 KOYE 94.9 TX Laredo, r\$ 1275

1945 KISR 93.7 AR Ft. Smith, r\$, ads 625
2200 KMTX 98.7 NM Maljamar
c, \$, // to 89.5 1190

2209 KLLL 96.3 TX Lubbock, k\$ 1070

->->-> CONTINUED ->->->

RALPH STROBEL's report (continued)

JUNE 15 Es			
1140 KJCR	88.3	TX	Keene, g
1958 WMMR	96.3	ME	Rumford, r\$
1959 CBHA	90.5	NS	Halifax
2004 CBHN	89.5	NS	New Glasgow
2004 CBHC	89.1	NS	Truro
(all mono, // w/NS wx - mentioned Halifax)			
16 Tr			
0300 WMEJ	91.9	OH	Proctorville, g\$
16 Es			
1028 WJDB	95.3	AL	Thomasville, nx,\$
1031 WUWF	88.1	FL	Pensacola, c\$
1043 WMEZ	94.1	FL	Pensacola, b\$
1927 KSBJ	88.1	TX	Humble, g\$
1931 KGNZ	88.1	TX	Abilene, g\$
1938 KSTE	93.9	TX	Corpus Christi, r\$
1947 KIXV	95.3	TX	Brady, r\$
1951 KRYX	99.1	TX	Corpus Christi, k\$
2006 KTXN	98.7	TX	Victoria, b\$
17 Es			
1831 WBVM	90.5	FL	Tampa, g\$
1842 WVLV	94.5	FL	Daytona Beach, b\$
1843 KQXY	94.1	TX	Beaumont, b\$
1919 WJIS	88.1	FL	Bradenton, g\$
19 Es			
1458 KBNR	88.3	TX	Brownsville, SS,\$
1508 KSTE	93.9	TX	Corpus Christi, r\$
1528 KLUX	89.5	TX	Robstown, m\$
1548 KBNL	89.9	TX	Laredo, \$
1612 KVMG	95.3	TX	Pearsall, SS mono
1619 KNCT	91.3	TX	Killeen, wx, \$
1700 KGNZ	88.1	TX	Abilene, g\$
1223 KTAQ	93.9	WY	Riverton, ad, \$
1755 KMPP	88.9	ND	Minot, j\$, // to:
1755 KPPR	89.5	ND	Williston
22 Es			
1000 WPDZ	93.3	FL	Tampa, r\$
1004 WMCU	89.7	FL	Miami, g\$
1008 WINK	96.9	FL	Ft. Myers, r\$
1016 WNLZ	95.7	FL	Clearwater, r\$
1017 WPOW	96.5	FL	Miami, ads, \$
1021 WKST	99.9	FL	Boca Raton, \$
"KISS-FM" (that them-jf)			
1035 WJIS	88.1	FL	Bradenton, g\$
23 MS			
0302 WWRX	103.7	RI	Westerly-Providence
25 Es			
1018 KTSC	89.5	CO	Pueblo, r\$
1034 KILQ	93.9	CO	Colorado Springs, r\$
1036 KKFM	96.5	CO	Colorado Springs, ad, \$
1045 KUVQ	89.3	CO	Denver, pledges, \$
28 MS			
0251 KVNE	89.5	TX	Tyler
29 MS			
0815 KVNE	89.5	TX	Tyler
29 Es (MUF 108+)			
1440 KSTE	93.9	TX	Corpus Christi, r\$
1451 XET	94.1	NL	Monterrey, SS, \$
1459 KHQY	88.1	NL	Laredo, b\$
1540 KJIC	89.3	TX	Pasadena, g, 440 w.
1553 KBAT	93.3	TX	Midland, wx, \$
1600 KWKI	95.3	TX	Big Springs
1600 KIXV	95.3	TX	Brady, r\$, ad
1613 KKTC	103.9	TX	Brownfield, r\$, ad
1619 KROB	99.9	TX	Robstown, k\$
1623 KFMX	94.5	TX	Lubbock, wx, \$
1624 KZOR	94.1	NM	Hobbs, ads, \$
1630 WMAU	88.9	MS	Bude, PRM, \$
1645 KENW	89.5	NM	Portales

JUNE 29 Es (continued)

1653 KQIP	96.9	TX	Odessa, r\$
1706 KOYE	94.9	TX	Laredo, Toyota ad, \$
1718 KODA	99.1	TX	Houston, b\$
1728 KMMI	98.7	TX	Amarillo, k\$
1732 KLLL	96.3	TX	Lubbock, k\$
1736 KNID	96.9	OK	Enid, PSA, \$
1740 KORQ	100.7	TX	Abilene, r\$
1741 KOAQ	103.5	CO	Denver, r\$, "Q-103"
1744 KVBG	104.3	KS	Great Bend, ad, \$
1747 KBRQ	105.1	CO	Denver, r\$
1751 KWZO	103.7	TX	Hamlin, k\$
1754 KMXX	105.5	CO	Sterling, ads, \$
1757 KNMI	88.9	NM	Farmington, g\$, 410 watts
1800 KCSU	90.5	CO	Ft. Collins, j\$
1800 KJTY	88.3	KS	Topeka, g\$
1801 KABF	88.3	AR	Little Rock
(Prev. via trop)			
1809 KNEB	94.1	NE	Scottsbluff, nx, \$
1812 KCME	88.1	CO	Manitou Springs, c\$
1816 KEZU	94.5	KS	Scott City, b\$
1821 KBPI	105.9	CO	Denver, p\$
1826 KRPT	103.7	OK	Anadarko, k\$
1832 KAZY	106.7	CO	Denver, r\$
1834 KUNC	91.5	CO	Greeley, nx, \$
1840 KQKS	104.3	CO	Longmont, r\$
1850 KUAD	99.1	CO	Windsor, ads, \$
1858 KCFR	90.1	CO	Denver
(o/WIAN Indy)			
1901 KUWR	91.9	WY	Laramie, \$
1915 KYOU	92.5	CO	Greeley
1927 KKAZ	100.7	WY	Cheyenne, k\$
1930 KLEN	106.3	WY	Cheyenne, b\$
1931 KKDD	107.1	CO	Brush, r\$, "KB-107"
1935 KKCS	101.9	CO	Colorado Springs
1939 KMJI	100.3	CO	Denver, "MAGIC-100"
1944 KCOL	107.9	CO	Ft. Collins, (o/WPI Indy)
1946 KRRY	107.5	CO	Lakewood, r\$, ads
1950 KVOD	99.5	CO	Denver, c\$
(o/WZPL Greenfield-Indy)			
1951 KRQU	102.9	WY	Laramie, \$
1954 WACS	88.9	FL	Ft. Pierce, c\$, "CLASSICAL-89", ex-88.3
1956 KTCL	93.3	CO	Ft. Collins
1959 KEYQ	101.5	CO	Eagle, r\$
1959 KEZH	101.5	NE	Hastings
2011 KSRZ	94.9	NE	North Platte
2012 KRDO	95.1	CO	Colorado Springs, b\$, (Prev. via MS)
2017 KEMC	91.7	MT	Billings, c\$
2018 KUVQ	89.3	CO	Denver
2022 KLYT	88.3	NM	Albuquerque, g\$
2023 K202AS	88.3	WY	Laramie, // 91.1 KWBI
2028 KTRS	95.5	WY	Casper, r\$, (o/WFMS Indy)
2040 KHIH	94.7	CO	Boulder, r\$, (o/WFBA Indy)
2043 KVVU	99.9	CO	Pueblo, r\$
2044 KQLT	103.7	WY	Casper, b\$
2049 KIKX	102.7	CO	Manitou Springs, r\$
2053 KSKU	106.1	KS	Lyons
2059 KZNA	90.5	KS	Hill City, KS nx, // to:
2059 KANZ	91.1	KS	Garden City, both \$
2108 KVSU	105.5	KS	Beloit, b\$
2113 KQTZ	105.9	OK	Hobart, r\$, "KQ-106"

-->--> CONTINUED -->-->

RALPH STROBEL's report (continued)

JUNE 29 Es (continued)			
2116 KFDI	101.3	KS	Wichita, ad (o/WFMG Richmond, IN)
2125 unID	106.5	??	s\$, "FRESH 106"??
2130 KNYD	90.5	OK	Broken Arrow, g\$
2132 KYSD	93.9	TX	San Angelo
2134 KATX	97.3	TX	Plainview, wx, \$
2143 KZZO	107.5	NM	Clovis, r\$
"THE 200-108"			
2149 KMTH	98.7	NM	Maljamar, c\$
2152 unID	101.1	??	"K-LIFE-101", \$??
2200 KRLG	98.1	OK	Lawton, r\$
2200 KTXK	88.1	TX	Lubbock, r\$
JULY 1987			
1 MS			
0300 WKNE	103.7	NH	Keene
4 Tr			
0459 WTNS	99.3	OH	Coshocton, s/on, \$
(Finally - after thousands of tries!!!)			
1659 WMAE	89.5	MS	Booneville, PRM IDs, \$
(Prev. via MS)			
4 Es			
1843 XET	94.1	NL	Monterrey, SS, \$
1845 XHSAB	89.5	NL	Sabinas Hidalgo, SS, \$
1900 KSTE	93.9	TX	Corpus Christi, r\$
5 Tr			
0519 WLGC	105.5	KY	Glasgow, k\$
COMMENTS:			
This has definitely been a great Summer for E-skip. June 29th was a terrific day in which I logged 40 new stations. Notice how some of my loggings are very close for skip. What luck! Let's hope it happens once again before the season is over.			
73, Ralph			

BRUCE F. ELVING - 241 ANDERSON ROAD - ESKO, MN. - 55733-9413

This is my FM DX report for the last three months. I support keeping stale reports out, and will not mention any DX I may have gotten over three months ago. Stations reported here are new loggings, plus a couple of tentatives. First the tentatives. John Ebeling played me a tape of "Crystal 107" from FL with a b format, which I suspect to be WCXL Vero Beach. Any? (On 101.7. I heard the same "Crystal" slogan last year but it didn't last long enough to pin it down to WCXL although that's who I suspected also -jf). And I heard on 94.3, using my 1969 Fisher, which John had just restored, automated into a reel-to-reel recorder which he had also just repaired, a NJ station on 94.3 calling itself K-94 FM. WJLK-FM? and having a tune by Madonna, so you can guess it's format. (It is WJLK -jf). DX:

ALL TIMES CDT

JUNE 29 Es (continued)			
1820 KAJN	102.9	LA	Crowley, \$
1827 WLTS	105.3	LA	Slidell, \$
1831 KQKQ	106.5	TX	Galveston, Spanish "kaw-coo-coo-kaw"
1849 KCIL	107.5	LA	Houma, \$
2001 KYKS	105.1	TX	Lufkin, ID thru local WAVC
2100 KTJC	92.1	LA	Rayville, illegally signing-off at 9 p.m. They've since written saying they now sign off at 10!
2100 KOOI	106.5	TX	Jacksonville, "K Double O Eye"
2117 KHAA	106.7	LA	Port Sulphur, unannounced m, \$
2210 WBSN	*89.1	LA	New Orleans, thru nearby WNCB Duluth
2130 WTUL	*91.5	LA	New Orleans, \$, news
2100 KLSA	*90.7	LA	Alexandria, hourly ID calls only, no mention of Alexandria
JULY 1987			
16 Tr			
0835 KBBG	*88.1	IA	Waterloo, \$, s
1000 KBVB	103.9	NE	Crete, now in \$, m or b format
1021 KGRD	105.3	NE	Orchard, new stn in \$, g

-->--> CONTINUED -->-->

BRUCE ELVING's report (continued)

JULY 16 Tr (continued)

1030 KBRX-FM 102.9 NE O'Neil, farm, other talk, pseudo \$, "KBRX" calls heard

16 Es

1100 WFIT *89.5 FL Melbourne, frustrating hearing tropo and skip at the same time!

1130 WCLK *91.9 GA Atlanta, calls and promo, \$

1247 WDMG-FM 99.5 GA Douglas, \$, but no music heard, suspect format change to g

1301 WMFE-FM *90.7 FL Orlando, c, two SCAs

1322 WUFT-FM *89.1 FL Gainesville, c, two SCAs

1400 WMOI *89.5 TN Murfreesboro, ID in briefly

1416 WYFS *89.5 GA Savannah, Bible Broad-casting Network (BBN -jf), with frequent local breaks, \$, g

1500 WSVH *91.1 GA Savannah, \$, c, "In Touch" SCA, not Coastal Area Reading Service

1502 WYVS *90.1 GA Waycross, only station in Peach State Public Radio Network list on 90.1., thought I was listening to WABE Atlanta until ID came.

1503 WKTZ-FM *90.9 FL Jacksonville with donor announcement, apparently selling under-writing "sponsorships" in hourly blocks

1554 WMTZ 94.3 GA Moultrie, "WMTZ-94"

JULY 17 Es

1800 WDAS-FM 105.3 PA Philadelphia, after

John Ebeling tipped me off to the skip's being from the east; beautiful ID thru WAVC's sideband, while aimed at Duluth, \$, s

1900 WYFG *91.1 SC Gaffney, ID, \$, g

1944 WMAH-FM *90.3 MS Biloxi, assumed from ID list, but could have been Oxford; other stations coming in, however, put it in S. MS.

1944 KADE *89.5 TX Weatherford, ID and promo, in briefly, fighting for survival with Spanish station, which could have been XHSAB-FM Sabinas

20 Tr

0825 WIKB-FM 99.3 MI Iron River, \$, k, Rodeo Day spots.

1024 WONT 98.3 MI Ontonagon, weakly in \$, through nearby WNB1-FM Park Falls, WI. WONT was one of my closest unheard stations.

COMMENTS: This has been about the best July for skip that I can recall, and its tropo has not been bad, either. I actually hope conditions are more "normal" when the convention comes around.

73, Bruce

Hidelgo

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73, Bruce

Hidelgo

ERNEST R. COOPER - 5 ANTHONY STREET - PROVINCETOWN, MA. - 02657

JULY 1987

3 Tr

1002 C--- 99.7 QU Station with mix of U.S. k music and FFC (French Canadian -jf) songs with all announcements in French, except for mention of "FM Country" at 1049. (Don't know the call but I think this is the new FM of CKRB-1460, St. Georges-de-Beauce -jf)

1200 CBAF-14 102.3 NF Fredericton, news in FF mention of CBAF at 1210, and car spot in EE at 1212

7 Tr

0200 WKTJ 99.3 ME Farmington, car dealer ad

0202 C--- 99.7 QU Same mystery FFC, with again mention in EE of "FM Country": k

0259 WTHI 102.9 ME Portland, "All Hits, All the Time"

7 Es

1754 WAAC 92.9 GA Valdosta (note -jf), k, in/out with local WBOS

1831 WMAB 89.9 MS Mississippi State, business news. How do you get a verie from any of these WMA- stations? (Have you tried confederate stamps for return postage? -jf)

1907 WCIC 91.5 IL Pekin, g

1919 WCWK 90.7 KY Bowling Green, "Christian Voice of Southern KY and Northern TN"

1943 WCBU 89.9 IL Peoria, local community calendar announcements

2000 WEVL 89.9 TN Memphis, also local events to come.

9 Es

1136 WXEL 90.7 FL West Palm Beach, "Adventures in Music, c

14 Tr

0128 WKCR 89.9 NY New York, b

0245 WBNJ 105.5 NJ Washington Court House, b

JULY 14 Es

1629 WMBI 90.1 IL Chicago, traffic, nx, g

1635 WONC 89.1 IL Naperville, Trivia question, wx, r

1800 KDPS 88.1 IA Des Moines, reading for the blind.

1808 KMEN 96.7 MO Memphis, community calendar items. Much mention of Scotland County and church nx.

1825 KRAV 96.5 OK Tulsa, r, traffic, New state for me!

1838 KLTH 97.1 MO Florissant, r, "K-Light" IDs with hardsell style announcer

15 Es

1645 WRMB 89.3 FL Boynton Beach, g

1700 KDAQ 89.9 LA Shreveport, All Things Considered. Announced as "Cultural Service of Louisiana State University"

17 Es

1058 WRWA 88.7 AL Dothan, also announcing WTJB & WTSJ; S.E. Alabama Public Radio Network

1208 WJIS 88.1 FL Bradenton, g

1308 CBNM 90.3 NF Marystown, promo for "On the Go" at 4:30 p.m., or 3 p.m. in Labrador. (Labrador is on ELT!)

1619 CBSM 89.5 ON Sault Ste. Marie, Northern Ontario net, info on national parks, sports, weather.

1633 CBLJ 88.3 ON Wawa, same program as CBSM, even audible on car radio @ 1650

1634 unID 89.3 QU?? FFC, r. Who's this one? (In view of CBSM and CBLJ, it would seem to me that CBNM-22 Thunder Bay is most likely. The CBNM--s are French -jf)

23 Tr

2045 WDMC 103.1 ME Dover-Foxcroft, Maine Guides BB

2101 WCMS 100.5 VA Norfolk, k

2127 WESM 91.3 MD Princess Anne (see note) -->--> CONTINUED -->-->

ERNEST COOPER's report (continued)

JULY 24 Tr

0228 WSFL 106.5 NC New Bern, r

0305 WBAI 99.5 NY New York, discussion, knocking out local WSSH

0310 WYFI 99.7 VA Norfolk, g

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK - 13041

Equipment: Receiver - Carver TX-11A, Antenna - Channel Master Stereo Probe 9, CDR rotor with BELDON 9104 coax 30 AWG 75 ohm. Antenna height - 30' AGL.

Underlined new to log

JULY 1987

6 Tr

2001 CBF8 88.1 PQ Trois Rivières, FFC nx 283

7 Es to IA/SD/NE/WI 1831-1920 MUF 106 mHz

1839 KDCR 88.3 IA Sioux Center, lcl wx 1011

1832 KUSD 89.7 SD Vermillion, SD nx 1052

1835 KIWA 105.5 IA Sheldon, severe wx/ads 994

1844 WOW 94.1 NE Omaha, local record promo 1022

1900 WRVM 102.7 WI Surling, tornado warning, g 621

8 Es 1906-2116 but gone most time - no IDs

9 Tr

0007 WJYY 105.5 NH Concord, "JOY 105.5" 232

0047 WTOS 105.1 ME Skowhegan, "THE ROCK OF MAINE" 339

2102 WLPW 105.5 NY Lake Placid, lcl ads o/WSGO null 134

11 Es to FL/MS/La 1620-2120 MUF 102 mHz

1627 WJIS 88.1 FL Bradenton, "JOY 88" g 1141

1629 WMIE 91.5 FL Cocoa, ID, g 1053

1643 WCIE 91.1 FL Lakeland, g, rock 1092

2053 KSLU 90.9 LA Hammond, ID 1179

2059 WMSU 88.5 MS Hattiesburg, j 1090

14 Es to IA/WY/NE/AR/OK/TX 1749-2150 MUF 107 mHz

1749 KWIT 90.3 IA Sioux City, wx/ID 1027

1758 KUWR 91.9 WY Laramie, ID (new state #40 - ON TAPE) 1511

1808 KEXL 106.7 NE Norfolk, NE nx 1085

1819 KXNP 103.5 NE North Platte, local ads/sports 1269

1821 KOOC 104.5 NE Cozad, lcl ads 1234

1830 KEZQ 100.3 AR Little Rock, ID 1043

1913 KWDG 96.7 OK Idabel, "G-96-FM" 1195

2100 KNTU 88.1 TX Denton, j, ID 1331

2054 KKDA 104.5 TX Dallas, r, "K-104" 1334

2105 KLIS 96.7 TX Palestine, wx, local nx, ID 1326

2121 KBUS 103.9 TX Paris, ID 1238

17 Es to NF/KS/NE/NV/!TX 1747-2056 MUF 108 mHz

1750 VOCH 97.5 NF St. Johns, r, lcl ads, "VO-FM" 1178

1751 CKIX 99.1 NF St. Johns, r, "COUNTRY 99 FM" (with r? -jf) 1178

1752 CBAF-20 105.9 NF St. Johns, r, FFC nx 1178

1753 CJJZ 94.7 NF St. Johns, r, "OZ-FM" 1178

1759 KSLS 101.5 KS Liberal, k, ID 1376

1808 CIOZ 96.3 NF Marystown, "Top 20 Countdown on OZ FM" 1060

1936 KFMQ 101.9 NE Lincoln, ID, r 1069

1948 KCEP 88.1 NV Las Vegas, long ID - all on tape!! 1st 2Es and new state #41. Is this still 4700 watts at -16' AAT???

2129

note re: WESM-91.3. Concert by National Symphony Orchestra, faded out at 2135 before any ID, no one else seems plausible. (I'm not sure if WESM would be running anything like this. What about WPBX on LI? -jf)

JULY 17 Es (continued)

2014 KSRZ 94.9 NE No. Platte, r, SID 1270

2021 KLLS 100.3 TX San Antonio, local ads 1564

2056 KKED 90.3 TX Corpus Christi, asking for local support, cl mx 1598

17 Super Tr to OH/MI/IN/IL during Es session 2005-2345

2005 WBCL 90.3 IN Ft. Wayne, g 484

2024 WSWR 100.1 OH Shelby, ID 370

2106 WVCS 91.9 PA California, ID/TC 287

2159 WJCH 91.9 IL Joliet, Family Radio, local church anncts/ID 620

2222 WJBD 100.1 IL Salem, ID, "J-100", r, lady anncr. 738

2254 WGLE 90.7 OH Lima, "FM91", BBC cl mx 441

2337 WPTW 95.7 OH Piqua, nx, wx ck 467

24 Tr

0151 WERG 89.9 PA Erie, ID briefly o/WTLR 211

0156 WFRJ 88.9 PA Johnstown, g, ID, church anncts. 240

0233 WFRB 105.3 MD Frostburg, "B-105 tri-state weather", ID, k 290

27 Es to AR 1800-1815 MUF 98 mHz

1815 KSBC 90.1 AR Hot Springs, g, "FM90-KSBC" 1088

1812 KWBO 97.5 AR Hot Springs, local ads 1088

July was a super month with 2 new states logged, 1st 2Es and a super Tr session combined with Es on 7/17. Hope some of you had similar DX luck. Totals now at 1336, with this year being the most productive since 1977. The TX-11a is really doing the job.

73-Fred

(Very nice on your KCEP catch, Fred. You seem to have the FM mileage record for 1987 so far. -jf)

ODDS AND ENDS

New WCHX-105.5 Lewistown, PA is now on the air. Current operating hours are 6 a.m. to Midnight. Format unknown.

WOTB Middletown, R.I. has made the move from 107.1 to 100.3, much to the dismay of certain SE New England DXers.

WWIN-95.9 Glen Burnie (Baltimore), MD has changed calls to WGH.

ROBERT S. ROSS - BOX 4373, STN. C - LONDON, ON. - NSW 5J2

Equipment: Viking 5813 w/beam.

JUNE 1987

29 Es

1756 KUHF 88.7 TX Houston
 1811 KMY 104.5 TX Orange
 1814 KYKS 105.1 TX Lufkin
 1817 KTUX 98.9 TX Carthage
 1827 KVRP 95.5 TX Haskell
 1832 KSTV 105.7 TX Stephenville
 1835 KEBC 94.7 OK Oklahoma City, o/local
 1842 KRPT 103.7 OK Anadarko
 1843 KQTZ 105.9 OK Hobart
 1846 KBUK 107.5 TX San Antonio
 1855 KEYI 103.5 TX San Marcos
 1909 KAPT 94.7 TX Luling, o/local
 1920 WCKO 98.7 MS Vicksburg
 1928 KVIL 103.7 TX Dallas
 1931 KCBI 89.3 TX Dallas
 1941 KSCS 96.3 TX Ft. Worth
 1944 KEGF 97.1 TX Ft. Worth
 1949 KZEW 97.9 TX Dallas
 2009 KCIL 107.5 LA Houma
 2036 WTYX 94.7 MS Jackson, o/local
 2048 WKJN 103.3 LA Hammond
 2056 KBAU 94.3 LA Galliano
 2105 WWSY 104.5 MS Hattiesburg
 2109 KBIU 103.7 LA Lake Charles
 2117 WGUD 106.3 MS Pascagoula
 2120 WXBW 102.7 FL Milton
 2123 WNOE 101.1 LA New Orleans
 2137 WABB 97.5 AL Mobile
 2142 WIZD 104.1 AL Atmore
 2144 WLTV 106.3 FL Panama City
 2156 KLSF 96.9 TX Amarillo
 2202 KACU 89.7 TX Abilene
 2208 KTM 99.9 NM Clovis, NEW STATE, #26
 2219 KCLV 99.1 NM Clovis
 2233 KFAN 101.1 TX Fredericksburg
 2249 KILT 100.3 TX Houston
 2255 KFNM 97.9 TX Houston

JULY 1987

2 Es

2058 WMNF 88.5 FL Tampa
 2102 WUFT 89.1 FL Gainesville
 2105 WJIS 88.1 FL Bradenton

3 Es

2033 KERA 90.1 TX Dallas
 2040 KDLZ 107.5 TX Ft. Worth

7 Es

1622 WSCI 89.3 SC Charleston
 1635 WBVM 90.5 FL Tampa
 1637 WKFX 88.5 FL Sunrise
 1800 WQCS 88.9 FL Ft. Pierce

11 Es

1843 KKED 90.3 TX Corpus Christi
 1847 KTSU 90.9 TX Houston
 1904 KPFT 90.1 TX Houston

2100-2113 Belize National Radio Network - 88.9

Id by male in English at 2100, "This is the Belize National Radio Network - and the news in English and Spanish". Items on Haiti, Guadeloupe, and Cuba. Different male read weather in English. Also gave tropical weather outlook. Mixing and faded out at 2113. My first foreign FM station and possible double hop E-skip! ('85 WRTVH lists Ladyville on this frequency with 10 kw. A very nice catch at roughly 1850 miles! -jif)

JULY 11 Tr

2322 WKKO 99.9 OH Toledo

2330 WJER 101.7 OH Dover

13 Es

1930 WMCU 89.7 FL Miami

14 Es

1726 CBAF-26 88.5 NB Moncton, Province #2

1726 CBAF-29 88.1 PEI Charlottetown, Province #3

1726 CBAF-27 88.7 NS New Glasgow, Province #4

(The above three were // in French.)

1735 CBNM 90.3 NF Marystown, Province #5

1751 CTOZ 96.3 NF Marystown

1805 KDCR 88.5 IA Sioux Center, New State, #27

1814 KGLI 95.5 IA Sioux City

1820 KRQU 102.9 WY Laramie, New State, #28

1822 KXNP 103.5 NE North Platte, New State, #29

1826 KTCH 104.9 NE Wayne

1828 KSLT 107.3 SD Spearfish

1835 KRXV 107.5 CO Lakewood

1838 KESD 88.3 SD Brookings

1841 KFBQ 97.9 WY Cheyenne

1844 KQKY 105.9 NE Kearney

1845 KCOL 107.5 CO Ft. Collins

1847 KXKL 105.1 CO?? Denver??

1900 KILI 90.1 SD Porcupine

1904 KUNC 91.5 CO Greeley

1906 KSDZ 95.5 NE Gordon

1930 KMPR 88.9 ND Minot, New State, #30

2056 KTFA 92.1 TX Groves

2102 WMAU 88.9 MS Bude

2105 KSBK 88.1 TX Humble

2112 KQXY 94.1 TX Beaumont

2120 KKMV 104.5 TX Orange

2201 KPFT 90.1 TX Houston

15 Es

1750 WFSU 91.5 FL Tallahassee

1757 WADZ 94.3 GA Americus

1801 WJST 94.5 FL Port St. Joe

16 Es

1540 KOEM 88.3 TX Mesquite

1550 ???? 94.5 TX? Z-Rock. Who?

1557 KOJO 94.1 TX? (yes...Ft. Worth, ex-KESS -jif)

1605 WRBH 88.3 LA New Orleans

1613 WUAL 91.5 AL Tuscaloosa

1615 KTXK 91.5 TX Texarkana

1629 WEGS 91.7 FL Milton

1658 WWO 89.9 LA New Orleans

1702 WMEZ 94.1 FL Pensacola

1705 WBSN 89.1 LA New Orleans

16 Tr

1730 WVNP 89.9 WV Wheeling

1733 WZZM 107.5 WV Wheeling

2116 WRRN 92.3 PA Warren

20 Tr

1902 WJET 102.3 PA McKean

2022 WJNL 96.5 PA Johnstown

2025 WFBG 98.1 PA Altoona

2039 WHPA 104.9 PA Holidaysburg, 140 watts

2052 WXPZ 105.5 PA Punxsutawney

2101 WQW 102.1 PA DuBois

21 Tr

0026 CJEZ 97.3 ON Toronto, new on air

-->--> CONTINUED -->-->

ROBERT ROSS's report (continued)

COMMENTS: (On June 29th): This was a massive 5 hour opening during which I logged 37 new stations. It started in Texas - went east to north Florida, then back to Texas again. Even went as far as eastern New Mexico for another new state. Even FMers in my own city got creamed!! This opening came after there had been no skip for 7 days. It sure made up for the previous week of no activity. (On July 20th): A nice trop opening into south/central PA. An area I have heard few stations from. Real nice signals, too!

SAUL CHERNOS - P.O. BOX 292 - PARIS, ON - NSL 362

From St. George, ON:

JANUARY 1987

11 Tr

2000 CIUT 89.5 ON Toronto

MARCH 1987

27 Tr

1825 CIDC 103.5 ON Orangeville

MAY 1987

21 Tr

2145 WKJC 104.7 MI Tawas City, "KJC-Country"

JUNE 1987

4 Es

1137 KSBK 88.1 TX Humble, g

1140 KJIC 89.3 TX Pasadena, g

1201 KPFT 90.1 TX Houston

1454 KLJC 88.5 MO Kansas City, g

4 Tr

1458 WROD 93.3 OH Youngstown

14 Tr

1210 WJSL 90.3 MI Houghton, g

17 Es

1903 KRVS 88.7 LA Lafayette

1919 KQID 93.1 LA Alexandria

1920 KQIZ 93.1 TX Amarillo

20 Tr

2040 WGCt 90.7 NY Batavia, Rochester Red

Wings BB, // to 90.1, 90.5

2212 WKAR 90.5 MI E. Lansing

2223 (WBK) 90.5 NY Henrietta (ex-WRHR)

21 Es

2000 KERA 90.1 TX Dallas, j

25 Es

2130 KERA 90.1 TX Dallas

1205 KGNZ 88.1 TX Abilene

1215 KKAJ 95.7 OK Ardmore

1230 KACU 89.7 TX Abilene

1240 KVRP 95.5 TX Haskell

1300 KNYD 90.5 OK Broken Arrow

25 Tr

1200 CFMU 93.3 ON Hamilton

1235 WQLX 98.9 ??? Phone #222-1600, r

29 Es

2000 KERA 90.1 TX Dallas

2017 KZEW 97.9 TX Dallas, "98-K-ZOO"

2026 KYXK 105.7 TX Longview, "KIX"

2038 KSLA 106.7 or 106.9 Country

2040 KAJN 102.9 LA Crowley, "CAJUN 103"

2045 KSMB 94.5 LA Lafayette

2053 KCIL 107.5 LA Houma

2101 WPCS 89.3 FL Pensacola

2117 WKNZ 101.7 MS Collins, "KNZ"

2118 WRBH 88.3 LA New Orleans

2127 WRNO 99.5 LA New Orleans

2130 KSMI 104.9 LA Donaldsonville

2131 KHOM 104.1 LA Houma

2132 WNOE 101.1 LA New Orleans

2135 WALK? 93.5 ?? unID ("93.5 WALK")

(WALK is alive and well, unfortunately,

on 97.5 -jif)

2140 WRJM 105.7 AL Troy

2141 WIZD 104.1 AL Atmore, "WIZARD"

2156 KKIK 93.7 TX Lubbock, "KICK FM"

JUNE 29th Es (continued)

2158 KLL 96.3 TX Lubbock, "TRIPLE L FM"

2159 KEBC 94.7 OK Oklahoma City

2201 KQTZ 105.9 OK Hobart, "KQ-106",

Tornado weather advisory

2204 KRLG 98.1 OK Lawton

2205 KMOD 97.5 OK Tulsa

2227 KSCS 96.3 TX Ft. Worth

2239 KUT 90.7 TX Austin

2240 KISR 94.7 or 94.9 ??? Calls for

certain (N.E. Texas area).

JULY 1987

1 Tr

2328 WEMU 89.1 MI Ypsilanti, j

2335 WSKG 89.3 NY Binghamton

7 Es

1900 KCRB 88.5 MN Bemidji

1901 WIRR 90.9 MN Virginia

1903 KNOX 94.7 ND Grand Forks, "POWER 95"

14 Es

1815 KSRZ 94.9 NE No. Platte

1825 KEKL 106.5 NE Norfolk

1828 KQAZ 100.7 WY Cheyenne

1855 KELN 97.1 NE No. Platte, "101 FM"

1858 KTCL 93.3 CO Ft. Collins

1904 WPRL 91.7 MS Lorma

1905 WMAU 88.9 MS Bude

16 Es

1305 KRVS 88.7 LA Lafayette

1327 KZBZ 95.1 TX Beaumont, "B-95"

1357 WMAU 88.9 MS Bude, "PRM"

1437 WBSN 89.1 LA New Orleans

1510 WPCS 89.3 FL Pensacola, g

1602 KETR 88.9 TX Commerce

1603 WRBH 88.3 LA New Orleans, talk book.

1634 K--- 94.1 TX Dallas-Ft. Worth,

"V Lite KOTRA (?? 94)" and location.

(You heard the new English speaking KOJO

which replaced Spanish KESS -jif)

1640 KSMB 94.5 LA Lafayette

1654 KILT 100.3 TX Houston

1700 WJNC 88.9 MS Senatobia

JULY 17 Es

1613 CKHJ 93.1 NB Fredericton, "KHJ", k

1614 CBAF-29 88.1 PEI Charlottetown,

FF CBC // 88.5

1614 CBAF-26 88.5 NB Moncton

1615 CBAF-- 101.1 ?? ? French CBC

1617 CBAF-FM 98.3 NB Moncton

1624 WDOU 100.1 ME Houlton

1626 --- 96.9 ?? "The New Magic 96",

mention of Cameron area.

1637 CB-- 91.7 ?? English weather CBC

St. Jean, Saguenay, Charlevoix, Natagam

1640 C--- 93.7 ?? French

1826 KHCC 90.1 KS Hutchinson

1902 CBNM 90.3 NF Marystown, NF weather

17 Tr

1700 WEKH 90.9 KY Hazard

1829 WOUK 89.1 OH Cambridge(WOUB/WOUK ID)

1830 WMYK 90.3 KY Morehead

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SAUL CHERNOS' report (continued)

JULY 17 Tr (continued)

1845 WVBC 88.1 WV Bethany
 2325 CKO-1 106.9 ON Ottawa
 2330 CWXXP 100.7 PA New Kensington
 2340 WIBM 94.1 MI Jackson
 18 Tr
 0010 WFUM 91.1 MI Flint (o/CJRT)
 0100 WVTF 89.1 VA Roanoke
 1445 WRJS 98.5 PA Oil City
 1640 WMZQ 98.7 DC Washington, k
 1655 WVPW 88.9 WV Buckhannon
 1700 WAIJ 90.3 MD Grantsville
 1700 WETA 90.9 DC Washington
 1717 WHFS 99.1 MD Annapolis, o/CKO-2
 1732 WLTT 94.7 MD Bethesda, "94-LITE"
 1808 WFBG 98.1 PA Altoona, "FM-98", o/CHF1
 1815 WHEEL 97.3 WV Wheeling, ex-WKWK,
 "EASY 97.3 WHEEL FM", o/CJEZ

22 Tr

0845 WAAL 99.1 NY Binghamton, "HOT FM"
 0930 WPHR 107.9 ?? "The all new Power 108" in
 "the 1st Bay City" (Hate to tell you this
 but it's only Cleveland with a new call -jf)

COMMENTS: A very good Es and Tr season as this report and my TV report show. All this and so little time to spend on it. My reporting job and other activities really eat into my DX time. The July 17-18 period was something else. Tr to KY and Es to NF, KS simultaneously. Yipes!! The July 18 mid-afternoon tropo peak was something else. Funny how it died by sunset, when one would expect things to pick up even more. Comments on individual loggings: On June 29, during Es, tornado reports for both PA and OK. Any connection? On July 17, I really missed the Canadian updates I'd compiled in earlier years. As far as I can tell, the 91.7 is Sherbrooke PA and would be 460 miles; my shortest FM DX here and perhaps even anywhere! Also 1st time I've ever had northeast US on Es! And while I had VA on July 18, Mike Reid in Toronto had DX from IL! As I mail this, hot and humid and some minor UHF tropo. Hope it keeps up. Good job on the column, Joe! (Thank you -jf). 73's, Saul.

JOEL ROSENBERG - 10 VANHORN COURT - THORNHILL, ON - L3T 5R1

APRIL 1987

27 GW
 2200 CJEZ 97.3 ON Toronto, new local testing
 (blank)

MAY 1987

11 GW
 1715 CJEZ 97.3 ON Toronto, new local on test
 programming, "EZ-97"

JUNE 1987

14 Es
 2030 unIDs to 100.3
 15 Es
 2000 unIDs on car radio! 88.5, 89.1, 89.9, 90.1
 90.7, 91.5, 92.5

2012 ZBM 89.1 BERMUDA Hamilton
 2253 KOSU 91.7 OK Stillwater (back home)
 2327 KOEZ 92.3 KS Newton

17 Es

1958 KUT 90.7 TX Austin
 2000 KTXK 91.5 TX Texarkana
 2000 KLSA 90.7 ?? (Alexandria, LA -jf)
 2025 KYKR 93.3 TX Port Arthur

20 Tr

1600 CB-- 90.3 ON ?? - CBC Southwestern ON
 2335 WBER 90.5 NY ?? - // with WGMC
 (Henrietta, NY -jf)

2335 WGMC

90.1 NY Greece
 21 Tr
 0003 WDMN 88.9 NY Auburn

29 Es

2022 KSMB 94.5 LA Lafayette, o/local WNED
 Buffalo
 2025 KRRV 100.3 LA Alexandria
 2028 KHOM 104.1 LA Houma, o/Bufalo local

from Burnt River, ON

DECEMBER 29, 1986 Tr

2300 CIUT 89.5 ON Toronto, testing

JULY 4 Tr

2200 CJEZ 97.3 ON Toronto

2201 CIBC 103.5 ON Orangeville

from Toronto, ON

MARCH 28 Tr

1835 CIBC 103.5 ON Orangeville, "DC-103", mr

JUNE 5 Tr

0120 CJEZ 97.3 ON Toronto, b

KWCS

96.7 FM



P. O. Box 156 • Bridgeport, Texas 76026

JUNE 29 Es (continued)

2031 ---- 106.5 ?? unID, "Foxy"

2036 WYNK 101.5 LA Baton Rouge

2038 ---- 106.7 ?? unID, "Z-106"

2038 KCIL 107.5 ?? (Houma, LA -jf)

2038 ---- 105.1 ?? unID, "K-105"

2049 WZFL 104.9 MS Centerville

(note correct location -jf)

2051 ---- 99.5 ?? unID, "LA-99"

(KHLA Lake Charles -jf)

2058 KRMD 101.1 LA Shreveport

2100 WRBH 88.3 LA New Orleans

2101 WWHO 89.9 LA New Orleans

2102 WGST 92.5 MS Forest

2104 ---- 91.9 ?? unID, "Kingdom-92"

(Now that's original! -jf)

2110 KMML 98.7 TX Amarillo

2112 WRNO 99.5 LA New Orleans

2114 KYKS 105.1 TX Lufkin

2121 WNOE 101.1 LA New Orleans

2124 WYNK 101.5 LA Baton Rouge

2126 WBYU 95.7 LA New Orleans

2137 WQUE 93.3 LA New Orleans, "Q-93"

2138 unID 93.7 ?? unID, "94-Q, ALL NEW Q"

2141 KZZO 107.5?? (FM Atlas sez Clovis, NM-jf)

2200 WKGC 90.7 FL Panama City

2203 KACU 89.7 TX Abilene

2210 KSCS 96.3 TX Ft. Worth

2235 KLLS 100.3 TX San Antonio

2240 KERA 90.1 TX Dallas

2246 KIKK 95.7 TX Houston, "KIX 96"

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JOEL ROSENBERG's report (continued)

July 11 Tr

2200 WEMU 89.1 MI Ypsilanti

2203 WKAR 90.5 MI E. Lansing, often in on
troposcatter.

2204 CB?? 90.3 ON Southern Ontario, mention
 of Essex and Kent County weather, fighting
 it out with WCPN Cleveland.

July 17 Es

1900 unIDs to 90.7

July 17 Tr

2048 ??? 93.7 unID, "All new 93.7, KICK-FM"

2100 WNFA 88.3 MI Port Huron

2120 CFMK 96.3 ON Kingston

2135 ??? 90.7 OH "FM-91 Toledo"

COMMENTS: Haven't reported to this column for some time but have some interesting loggings
 recently. (Most are new but not indicated because I haven't updated log totals for some time).

DAVE NIEWMAN - AKRON, NEW YORK - 14001-9529

Equipment: Tuner: Carver TX-11

Antenna: Channel Master 4408 at 25' AGL w/t RG-11 Lead-in

JULY 1987

3 Es

2033 KNYD 90.5 OK Broken Arrow, call, g\$ 1036

11 Es

2004 KKED 90.3 TX Corpus Christi

\$ fund raising 1499

2011 WHOD 104.9 AL Jackson, call +

"COUNTRY 105" 951

16 Es

1107 KROF 104.9 LA Abbeville, call, k\$ 1180

1123 WBVM 90.5 FL Tampa, call, PSA, g\$ 1060

1124 KNON 90.9 TX Dallas, call, j\$ 1239

1142 KBIJ 103.7 LA Lake Charles, call, r\$ 1202

1145 KSBH 88.1 TX Humble, call, g\$ 1288

1150 KLAU 101.5 OK Lawton,

call + "K-LAW", k\$ 1215

1159 WRR 101.1 TX Dallas, ID (contest),

c, \$ 1239

1200 KL0L 101.1 TX Houston, ID, rp\$ 1312

1250 KLSA 90.7 LA Alexandria, ID, c\$ 1113

1331 KDKS 92.1 LA Benton, call, k 1036

1355 KSLU 90.9 LA Hammond, r\$

call + "SLU RADIO" 1089

1430 WRBH 90.3 LA Baton Rouge, call, j\$ 1117

17 Es

1700 CKRL 89.1 PQ Quebec, call, t\$,

(shortest E-skip for me) 437

1730 CBTL 90.1 NF Millerton, t (CBC)

"Newfoundland-Labrador Net" 1298

1741 CH02 94.7 NF St. John's,

"02-FM", r\$, (ex. 93.9) 1482

1755 CBAF-29 105.9 NF St. John's,

Call, FF, t 1482

1800 CBN 106.9 NF St. John's, ct\$ 1482

1936 KRVN 93.1 NE Lexington, call, m\$ 1102

2101 KCFR 90.1 CO Denver, ID, c\$ 1396

BOB SEYBOLD - 10567 BENNETT ROAD - DUNKIRK, NY

Here is a brief report. Since I DX the TV more than FM, my reports will be shorter than most.
 The E-skip season has been very good here with a lot of E-skip on TV and more than average
 amount on FM. A lot of openings into Florida, Texas, and Kansas. My report:

JULY 15, 1987 Es 1000-1200 EDT

FL: WMUC-89.7 Miami; WYGC-100.9 Gainesville; WYFM-94.1 Lakeland; WHEW-101.9 Ft. Myers;
 WKZM-105.5 Sarasota; and WJNO-97.9 Palm Beach plus other Florida FMs. Also about 15 Texas
 FMs (did not keep log) plus about 7 Kansas FMs; 4 Oklahoma; 3 Nebraska; 2 South Dakota;
 3 North Dakota.

JULY 16th

Another good E-skip opening - Florida, Oklahoma, Texas, Kansas. KOSA-91.1 Wichita; KBJC-91.9
 Great Bend; KXXX-100.3 Colby, KS plus many others.

-->--> CONTINUED -->-->

JULY 18 Tr

TV opening out to Chicago

0230 WCSX 94.7 MI Detroit

0230 WOSE 94.5 OH Port Clinton

0249 WCNY 91.3 NY Syracuse

0249 WUOL 90.5 KY Louisville

(Joel, I really can't make out you writing

on this last time - hope I got it right.

ALSO, welcome to the column! -jf)

KCKL 96.7 FM

P.O. BOX 489
 MALAKOFF, TEXAS
 75148

"STEREO 95.9"

COMMENTS: Haven't reported to this column for some time but have some interesting loggings
 recently. (Most are new but not indicated because I haven't updated log totals for some time).

DAVE NIEWMAN - AKRON, NEW YORK - 14001-9529

Equipment: Tuner: Carver TX-11

Antenna: Channel Master 4408 at 25' AGL w/t RG-11 Lead-in

JULY 1987

18 Tr

0712 WTCC 90.7 MA Springfield,

ID, \$ (playing children's music) 301

0733 WRUT 97.1 VT Rutland, rp\$,

Call + "T-97" 274

20 Tr

0800 CKSB9 89.1 ON Fort Francis, call,

FF, m. 823

(Second most distant tropo)

0810 WNMU 90.1 MI Marquette, call, nx\$ 504

0816 WDOR 93.9 WI Sturgeon Bay,

call, k\$ 459

0852 WKJF 92.9 MI Cadillac, "KJF", r\$

over local WBUF 358

0900 KDAL 95.7 MN Duluth-Superior,

rm\$, ID + "96-LITE-FM",

interrupted music before the hour

for a severe weather warning. 717

0903 CJSD 94.3 ON Thunder Bay, r\$,

"94-FM" 640

0908 WYKX 104.7 MI Escanaba, call +

"KIX COUNTRY", k\$ 467

21 Tr

0115 WCEM 106.3 MD Cambridge, ORIOLES BB,

15 min. of ads then s/off 333

31 Es

2210 KUER 90.1 UT Salt Lake City,

call 1708

2303 KILI 90.1 SD Porcupine, ID, r\$ 1182



Dave

BOB SEYBOLD's report (continued)

July 16th - Good tropes in the evening also! WBCL-90.3 Ft. Wayne plus number of other Indiana FMers.

July 20th - Unusual trop opening to northern and central Michigan, northern Wisconsin, and Minnesota. Alpena-91.7; Gaylord-95.3 (new); Cadillac-92.9 and 96.7; Marquette-90.1; Ironwood 106.9 (new); Traverse City-101.9; Manistie-97.7 (new); Park Falls-96.3; Superior-91.3; Duluth-105.1 (new); Green Bay-91.5 and 101.1 plus many unIDs including several Canadians most likely in western Ontario. Excellent TV trop opening at the time. Opening ran 0700-1100 EDT. Dave Nieman did well in this opening. That is it for now. Bob Seybold.

BILL NOLLMAN - BOX 184 - RFD #1 - BOZRAH, CT. - 06334 (203) 889-7039

Equipment: Carver TX-11A Tuner....Channel Master Stereo Probe 9 antenna...RG59-FOAM. Mounted 35 feet AAT.

JULY 1987

1 Tr and GW
2145 WQTQ 89.9 CT Hartford, mono, s, "CUTE FM" 40
2208 WVIA 89.9 PA Scranton, very weak 180
2302 WRVO 89.9 NY Oswego, NPR, "FM90" 260

6 Tr
2147 WBEY 103.1 MD Grasonville "BAY COUNTRY", k 280
2241 WZZO 95.1 PA Bethlehem, very weak 210

8 Es
2014 KZKX 96.9 NE Seward/Lincoln "96KIX", NEW STATE 1300
2017 WOW 94.1 NE Omaha 1235

2034 unID 92.1 FL/GA Atlanta Braves BB, "serving NE FL and SE GA" (maybe WJXR Macclenny-Jacksonville? -jff)
2041 WLKC 93.5 GA St. Marys 945
2101 WRXK 96.1 FL Bonita Springs, "96 K-ROCK" 1220

13 SUPER COASTAL TROPS!
2124 WLTY 95.7 VA Norfolk, oldies 390
2124 WGHG 97.3 VA Newport News, "97 STAR" still 390

2136 WSEA 93.5 DE Georgetown, ID as Double XTLR on 106.3, 1-800-247-HITS
2233 WAWZ 99.1 NJ Zarephath 140
2251 WHTG 106.3 NJ Eatontown, "FM 106-3" (strict)

2252 WOFM 92.1 NC Moyoock, "MAGIC 92" 400
2303 WSCF 89.5 MD Salisbury (ST.COLLEGE) 295
also in WYFI-99.7; WCMS-100.5; WNVZ-104.5; WDSO-94.7; WMYK-93.7; WOLC-102.5; WNWK-105.9; WQHQ-104.7; WJLK-94.3; WFOG-92.9..bed at 1135PM

14 AMAZING Es
1625 WRJC 92.1 WI Mauston 910
1629 WILV 94.9 WI Baraboo, FULL SIG STR! 910
1636 WNGN 98.1 WI Madison, "MAGIC 98" 880
1637 WVCX 98.9 WI Tomah, (Relog of MS) 945
1639 WIBA 101.5 WI Madison, FULL SIG! 880
1640 KFIL 103.1 MN Preston, live broadcast in MONO. 1025

*****Es NEARLY GONE UNTIL.....
1719 KOEL 92.3 IA Oelwein, "COUNTRY 92 FM" 1010
1723 KYYS 102.1 MO Kansas City 1190
1728 KBBG 88.1 IA Waterloo 1040
1730 WDWZ 95.1 IL Decatur 895
1734 WGHN 92.1 MI Grand Haven, NEW STATE!! 715

1737 KNIQ 93.5 IA Mason City, "993.5" 1075
1740 WQFM 93.3 WI Milwaukee, "93-afm" 815
1742 WMLW 94.1 WI Watertown, "MELLOW 94" 845
1748 KKEZ 94.5 IA Ft. Dodge, STN. #500 1120
1753 KWAY 99.3 IA Waverly 1045
1757 WDMP 99.3 WI Dodgeville, "COUNTRY 99.3" 910

JULY 14 (continued)

1800 KFGG 99.3 IA Boone 1115
1804 KZEV 103.1 IA Clear Lake, "ROCK 103" 1085
1808 KNEI 103.9 IA Waukon 990
1812 KLYV 105.3 IA Dubuque, "K-LIVE 105" 960

1821 KMYZ 104.5 OK Pryor, "TULSA's NEW Z-104.5" 1300
1823 KATZ 100.3 MO St. Louis (Alton, IL? -jff) 975
1825 KJMO 100.1 MO Jefferson City 1075
1827 KYOO 96.7 MO Bolivar 1140
1831 KTXV 106.9 MO Jefferson City, "POWER 107" 1075

1833 unID 106.5 "HITS 106"
1841 KZSN 102.1 KS Hutchinson, "KISSIN FM-102" 1380
1845 unID 102.5 Traffic report, McCulvey EXP/Ranvetter/Kings HWY. 1265
1847 KLKC 93.5 KS Parsons, MONO 860
1853 WRKX 95.3 IL Ottawa 1235
1856 KQWK 96.9 KS Pittsburg
1856 KLTH 97.1 MO Florissant, "K-LITE FM 97" 975

1904 KKUZ 102.5 MO Joplin, "Z-103" 1235
2137 KEMM 92.1 TX Commerce, v. weak 1425
14 Tr
2202 WDLA 92.1 NY Walton, clear ch...vuvv.wk.. 160

15 Es
1759 KEZQ 100.3 AR Jacksonville 1190
1800 KHLT 94.1 AR Little Rock, "K-LITE 94" 1200
1805 KTMO 98.9 MO Kennett 1035
1808 KRWA 103.1 AR Waldron, Arkansas Radio Net. 1290
1810 KBSS 92.1 AR Booneville, "K-92" 1270
16 Tr
1923 WMQZ 98.7 DC Washington, FIRST DC!! 320

17 Es
1833 CBTB 97.1 NF Baie Verte, "CBC" mono, NEW PROVINCE! 965
1842 CHOS 95.9 NF Rattling Brook 950
??PM WCTQ 92.1 FL Venice/Sarasota 1170
17 Tr
2034 COFM 99.7 PQ ? near Montreal, FF (see COOPER's report -jff)

18 Tr
0328 WSHH 99.7 PA Pittsburgh, "99-7 WISH-FM", FINALLY!! 385
0430 unID 92.1 "It's POWER HITS for you on POWER 92" v.wk. (Could be WMJW Nanticoke, PA -jff)

-->--> CONTINUED -->-->

BILL NOLLMAN's report (continued)

JULY 19 ??

1709 unID 92.1 Hi-V and Love Tire Shop in Cherokee...another unID heard at 1740, calls were Q-Rock, poss. same station? (Don't think so as first was probably KCHE Cherokee, IA, ex-102.3 -jff)

19 Tr
2241 WLAN 96.9 PA Lancaster, spot for Lancaster during Rockin America Countdown, "FM97" 245

23 Tr
2007 RNI 103.1 INT'L WATERS. Your guess is a good as mine (maybe better) (RNI is Radio New York International - see my comments below -jff)

2018 WBAB 102.3 NY Babylon, FINALLY! Barely o/WORQ 85

COMMENTS: WOTB-100.3 is very strong with Probe 9 aimed at them (better than their old 107.1). Any other direction easy to null...WHTZ not bothered....

What an interesting month!! The 1st was easy, just set the Carver on 89.9 and it did the rest of the work. Interesting what you can hear on a clear channel given the time!! Finally heard Nebraska on the 8th, opening ending in deep Florida with WRXK crystal clear. Great coastal tropes on the 13th with hardly a clear frequency with strong signals on all. Went to bed at 2335 with all N'folks near full scale....And if that wasn't enough the best Es I've ever seen the next day. About 2PM that afternoon TV Es to northern FL so strong it seemed like TROPS!! with steady signal...no fading...for 5-10 minutes at a time. This lasted to 424PM when suddenly Wisconsin flooded the FM band with full signal strength on many stns! This died abruptly about 445PM and then exploded into an IOWA fiasco at 520PM...more new states...Michigan.

The DC reception of the 16th was strange...WRKS-98.7 in NYC was in at usual strength (good semi-local) when it suddenly seemed to not exist AT ALL and in came an ID from WMZQ in DC!!! It lasted no more than 3 seconds!

Missed most of the super Es to NF so I won't even bother to comment. On the 30th Es on TV all day, no FM until WTBX....only station heard?!?! weird!! Thats bout it for this month. Let's hope for a super month of Es for August (Can't hurt to hope...)

BOB ZENT - 1835 FRUIT STREET - HUNTINGDON, IN. - 46750

JULY 1987

1418 KL0L 101.1 TX Houston, call letters 960
1422 KDUV 97.7 TX Kingsville, local ad 1190
1430 KQXT 101.9 TX San Antonio, call 1100
1432 KOYE 94.9 TX Laredo, ID 1240
1434 KLBK 93.7 TX Austin, ID 1025
1437 KSMG 105.3 TX Seguin, promo 1080
1444 KLLS 100.3 TX San Antonio, call 1100
1456 CKHJ 93.1 NB Fredericton, k "FM-93 KHJ" 975

1501 WPBC 92.9 ME Bangor, call 860
1501 WEZF 92.9 VT Burlington, ID 660
1505 WCXU 97.7 ME Caribou, local nx, ID 925
1509 CBA 95.5 NB Moncton, NB regional weather 1070

19 Es
1023 WJIS 88.1 FL Bradenton, promo with call letters 950

26 Tr
2302 WLWU 88.7 IL Chicago, ID (rarely heard here) 130
2309 WDCB 90.9 IL Glen Ellyn, ID (rare) 150

27 Tr
0130 WHME 103.1 IN South Bend, Through local WIOK-103.1. Very intense tropo from Chicago-Milwaukee area and NW IN. 65
0700 WGNV 88.5 WI Milladore, g, ID 325
28 Tr
0130 W216?? 91.1 IN Valparaiso, g Translator of WMBI-90.1 Chicago 90

COMMENTS: I'm going to count that last one because I clearly heard WMBI's ID and that is WMBI's only translator on that channel. I think I missed one of the best Es openings of the summer the evening of the June 29. Ralph Strobel tells me he logged 30+ new stations in about a four hour period. Too bad I had to go to work that evening... Anyhow we should be seeing some good Fall trop before long. At least that's what's supposed to happen in this part of the country. Hope everyone had a nice summer. 73's Bob.

MORE ODDS AND ENDS: "Radio New York International" (RNI) operated on 103.1 for four days in July (23, 24, 26, and 27). They were 4.6 miles off Long Beach, LI. Although they operated well below their potential power, they apparently got out as far as 100 miles (they had a 5,000 watt transmitter for their 1620 AM, but apparently it was also operated well below its potential). The FCC eventually raided the ship and "fine tuned" the transmitters (which included using saws on the coax). As a jurisdictional question is involved here and there was no apparent court order to destroy equipment, I wonder about the legality or justification of that move. If anyone wants a cassette of RNI, send \$2 to cover the cost of the tape and postage. I might even include some of the Brooklyn pirates on the tape if you don't mind "adult" language! Any inquiries should comment on that, and they come to me - NOT club HQ! -jff.

BOB SMOLAREK - RD #1 - BOX 63 - WHITEHOUSE STATION, NJ - 08889

Equipment - Carver TX-11 tuner, Channel Master Stereo Probe 9 antenna

JUNE 1987

19 Tr
0655 WKHK 95.3 VA Colonial Heights, k
0700 WMJS 92.7 MD Prince Frederick, r

JULY 1987

4 Tr
WKDN-106.9 Off -
2245 WPCX 106.9 NY Auburn, k
2300 WSKX 106.9 VA Suffolk, k
2320 WAXR 106.9 MD Hagerstown

6 Tr
2220 WBXB 100.1 NC Edenton, sg
All the usual Norfolks in strong

7 Es

1818 KDCR 88.5 IA Sioux Center, news and
Long weather report
1833 KAXE 91.7 MN Grand Rapids
1834 WGMQ 95.3 WI Shell Lake, g
1835 WDAY 93.7 ND Fargo, r, "Y-94" and
"FARGO'S HIT MUSIC LEADER"

1840 WYRQ 92.1 MN Little Falls
1845 KDSU 91.9 ND Fargo
1855 KQRS 94.9 MN Duluth

14 Es

1745 KTTN 92.1 MO Trenton
1758 WKKM 92.1 MI Harrison, k
1800 WCMP 92.1 WI Pine City
1806 KCTT 97.7 AR Yellville
1810 KISR 93.7 AR Fort Smith, r

"KISR HOT HIT RADIO"
1817 KCPW 94.9 MO Kansas City, r

"POWER 95"
1820 KYYS 102.1 MO Kansas City, rp
1825 KZCZ 98.9 KS Leavenworth, r oldies
1830 KMBR 99.7 MO Kansas City, b

"FM 100 THE EASY MUSIC"
1832 WYMG 100.5 IL Jacksonville, r
1835 KLSI 93.3 MO Kansas City, r

"CLASSY"
1837 KCAJ 107.3 MO Lexington, r
1838 KMAJ 107.7 KS Topeka,
"MAGIC 108 - THE MAGIC OF TOPEKA"

1839 KLTY 106.5 MO Liberty,
"K-LITE - 106 POINT 5"
1840 KRES 104.7 MO Moberly, k

1850 KUDL 98.1 KS Kansas City, r
1900 KNID 96.9 OK Enid, k
1901 KMFC 92.1 MO Centralia, g
1908 WBBA 97.7 IL Pittsfield, r
1909 KZBK 97.7 MO Brookfield,

small town hospital report
1910 KCBW 92.1 MO Sedalia, r, "B-92"
2050 KKBL 95.9 MO Monett, r, "96-FM"
2054 KBXR 97.3 OK Weatherford
2100 KCFO 98.5 OK Tulsa, g
2102 KCMA 92.1 OK Broken Arrow, c,

"TULSA'S FINE ARTS STATION"
2133 KARQ 92.1 AR Ashdown
2135 KATT 100.5 OK Oklahoma City, "THE CAT", rp

2135 KATT 100.5 OK Oklahoma City, "THE CAT", rp

GEORGE B. SHERMAN - BOX 3164 - BURNSVILLE, MN. - 55337

Equipment: McIntosh MR-78 tuner, Rabbit Ears

JUNE 1987

5 Es
1155 KOMP 92.3 NV Las Vegas
1623 WJFD 97.3 MA New Bedford
1627 WEVO 89.1 NH Concord

JULY 15 Es

1743 KXLS 99.7 OK Alva, r,
"THE CLASS OF OKLAHOMA"
1747 WBLE 95.9 MS Batesville
1800 KABK 97.7 AR Augusta-Bald Knob, k
1806 KBSS 92.1 AR Booneville, "K-92"
? KDYN 96.7 AR Ozark

16 Es

1700 KSBK 88.1 TX Humble, g,
"JESUS FOR THE GREATER HOUSTON AREA"

17 Es

1716 CBON-22 93.7 ON Geraldton, in French
1740 CBNN 90.3 NF Marystown, CBC English
1745 CJQZ 92.1 NF Bonavista, rp, OZ net.
1747 CBTR 92.9 NF Roddickton
1748 CBGC 92.5 NF Carmanville
1750 CBTL 90.1 NF Millertown
1752 CBNC 88.7 NF Stephenville
1755 CIOG 98.5 NF Stephenville, rp, OZ net
1800 CFCV 97.7 NF St. Andrews, r,

relaying CFCB-570 AM in Corner Brook.
73 WATTS

1804 CBAF-16 94.3 NF Port-aux-Port, in FF
1810 CBNQ 95.3 NF Trespassey
1813 CKOZ 92.3 NF Corner Brook, rp, OZ
1820 CHOS 95.9 NF Rattling Brook, rp, OZ
1851 WDAY 93.7 ND Fargo, r, "Y-94"
1900 WRLS 92.1 WI Hayward
1930 KOWO 92.1 MN Waseca

23 Tr

2200 WOMR 91.9 MA Provincetown, in strong
2230 WOCB 94.9 MA West Yarmouth, ex-WJFK,
talknet
2235 WSFL 106.5 NC New Bern, r
2240 WRSF 105.7 NC Columbia, r, ex-WWOK
now "SURF 106"

COMMENTS: This has been a fantastic Summer
for skip, especially June to mid-July. Many
openings to Oklahoma, Iowa, Minnesota. Very
few Florida openings. The July 17 opening
to Newfoundland was a classic. I hope
August brings some more skip. I haven't
had my fill yet.



122 S.W. FOURTH ST. • Rochester, MN 55902

GEORGE SHERMAN's report (continued)

JUNE 19 Es

1728 KLSA 90.7 LA Alexandria
29 Es
1920 WAKH 105.7 MS McComb
1925 WELE 105.9 FL DeLand
1930 WFYV 104.5 FL Atlanta Beach
2000 KENW 89.5 NM Portales
2006 KVPI 93.5 LA Ville Platte
2024 KGEE 99.9 TX Monahans
2028 KPSM 99.3 TX Brownwood
2033 KPYN 99.3 TX Atlanta
2035 KSER 99.3 AR Searcy
2040 KTXU 99.3 TX Paris
2123 KAFX 95.5 TX Diboll
2130 KKBQ 92.9 TX Pasadena
2150 WJMI 99.7 MS Jackson
2210 WAJY 101.9 LA New Orleans
2220 WZIX 100.1 MS Artesia
2227 WTKX 101.5 FL Pensacola
2230 WOWW 107.3 FL Pensacola
2300 WTYL 97.7 MS Tylertown

JULY 1987

7 Es

1843 WFCC 107.5 MA Chatham
1845 WAAF 107.3 MA Worcester
1855 WFLY 92.3 NY Troy
1859 WMAS 94.7 MA Springfield
1906 WHGC 94.3 VT Bennington

8 Tr

0220 KZEN 100.3 NE Central City

14 Es

1759 WAKS 103.9 NC Fuquay
1800 WNCN 104.3 NY New York City
1800 WNAA 90.1 NC Greensboro
1810 WVLC 92.9 KY Lexington
1815 WKSL 94.3 PA Greencastle
1841 WCOZ 96.7 KY Paris
1900 WWHG 96.1 VA Cape Charles, "WAVE 96",
Virginia Beach. (Right slogan - wrong call.)

It's WIAV. I believe they have now teamed
up with WVAB-1550 Virginia Beach also. -jf)

2143 WMTZ

94.3 GA Martinez
COMMENTS: Left out were relogs and stations where I didn't know date and/or time I heard them.
These Es loggings were my first on the MR-78. I've passed 1100 heard and NV was State #45.
No Es since weather cooled off. (Ah...a name from the past, namely from my AM DXing days!
Welcome to the column, George, and we certainly hope you'll report again!! -jf)

GRES CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NY - 14221

Equipment: same as last month.

JUNE 1987

29 Tr
0030 WAMot 105.9 PA Pittsburgh, s, u/CBCO
0149 WMRV 105.7 NY Endicott, m ID

JULY 1987

1 Tr

1700 WAER 88.3 NY Syracuse, j
1756 WRAC 92.5 OH Cleveland Heights,
r, "92-q"
1806 CKO1 106.9 ON Ottawa, nx
1809 WCPN 90.3 OH Cleveland, wx
1958 CKNX 101.7 ON Wingham, r, \$, o/WBTF
2000 (WZSH) 95.1 NY So. Bristol, b,
"WISH 95", dual ID w/Rochester, ex-WYLF

2 Tr

0000 (WBKR) 90.5 NY Henrietta, s/off,
ex-WRRH

JULY 16 Tr

0915 KVGB 104.3 KS Great Bend (o/500 mi.)
17 Es
1754 WAYU 93.9 ME Lewiston, "CLASSIC HITS"
1824 KTFA 92.1 TX Groves, g, ID
1828 KNAU 88.7 AZ Flagstaff, c, ID
1940 KKMY 104.5 TX Orange
2002 KIVY 92.7 TX Crockett
2020 WFMH 101.1 AL Cullman
2025 WTUN 100.1 AL Selma
2041 WJAD 97.3 GA Bainbridge
2052 KSOS 106.9 UT Brigham City,
5 City ID

2103 XHJD 98.9 NL Monterrey, SS
2125 KQFC 97.9 ID Boise

19 Tr

1352 KBYZ 96.5 ND Bismarck
1430 KQDJ 95.5 ND Jamestown
1500 KNDJ 90.5 ND Bismarck
1520 KSQY 95.1 SD Deadwood, "K-SKY", 500 mi
1930 KDDR 92.3 ND Oakes

22 Es

2150 KSAQ 96.1 TX San Antonio, "SUPER Q"

31 Es

2000 KJZZ 91.5 AZ Phoenix
2200 KSPZ 92.9 CO Colorado Springs
2225 KSOJ 93.9 AZ Flagstaff

AUGUST 1987

1 Tr

0145 KVRF 102.3 SD Vermillion, "FM-102"
0207 KGKG 94.3 SD Brookings, "ROCK 94"

1 Es

1155 KIZN 93.1 ID New Plymouth, "Kizzin"

2 Es

1800 WYFS 89.5 GA Savannah
1900 KIJN 92.3 TX Farwell
2359 WESM 91.3 MD Princess Anne,
"Where Everything Sounds Marvelous"

WKVC FM

KNOX COLLEGE
GALESBURG, ILLINOIS 61401

GEORGE B. SHERMAN - BOX 3164 - BURNSVILLE, MN. - 55337

Equipment: McIntosh MR-78 tuner, Rabbit Ears

JUNE 1987

5 Es
1155 KOMP 92.3 NV Las Vegas
1623 WJFD 97.3 MA New Bedford
1627 WEVO 89.1 NH Concord

JUNE 10 Es

1845 KJEF 92.7 LA Jennings
1900 WMFE 90.7 FL Orlando
1910 WRMF 97.9 FL W. Palm Beach

15 Tr

0340 KQHT 96.1 MN Crookston

-->--> CONTINUED -->-->

GREG CONIGLIO's report (continued)

JULY 7 Es continued...

1900 KBWS	102.9	SD	Sisseton, ID	940
1901 KIKV	100.7	MN	Alexandria, nx	833
11 Tr				
0049 WCLV	95.5	OH	Cleveland, c	189
12 Tr				
1903 WUOM	91.7	MI	Ann Arbor, c,	
			ID w/WVGR Grand Rapids (104.1)	
			and WFUM Flint (91.1)	273
14 Es				
1730 KGGG	100.3	SD	Rapid City, r,	
			"HIT FM 100" (strict), many	
			Black Hills mentions.	1228
1744 KLIR	101.1	NE	Columbus, ID	985
1751 KNNG	104.7	CO	Sterling, ID	1260
1754 KZEN	100.3	NE	Central City,	
			k, "KZ-100"	1020
1755 KTAP	103.9	NE	Crete, k, many	
			Lincoln ments.	971
1757 KKAZ	100.7	WY	Cheyenne, r,	
			"CHEYENNE's #101"	1351
1759 KRQU	102.9	WY	Laramie, rp,	
			"TOP OF THE ROCK"	1400
1804 WFFX	95.7	AL	Tuscaloosa, r,	
			"FOX 96 FM"	806
1809 KSRZ	94.9	NE	No. Platte, ads	1133
1815 WBYU	95.7	LA	New Orleans, b	1098
1816 WJMG	92.1	MS	Hattiesburg, r	985
1817 WNDL	95.1	AL	Huntsville, ID	706
1820 UNID	106.1		w/mentions of "Twin Cities"	
			(it could've been 105.9)	
1822 KTCH	104.9	NE	Wayne, talk	925
1823 WNSL	100.3	MS	Laurel, ads	983
1829 KJBS	100.1	LA	Bastrop, rp, "KJ-100"	1035
1831 KDEW	96.7	AR	Dewitt, sounded mono,	
			ID	880
1836 KNOE	101.9	LA	Monroe, r	1041
1838 WSWG	99.1	MS	Greenwood, rs	921
1842 KMAN	106.1	LA	Monroe, r	1041
1843 KHFO	98.1	AR	Oscola, rp, "98 ROCK"	
			ments. of Arkansas and Memphis, o/CHFI	770
1844 WGXK	105.9	TN	Memphis, k, "KIX-106"	802
1844 KRNB	101.1	TN	Memphis, s	802
1845 WRJXT	103.1	TN	Jackson, rp	734
1845 WVRV	104.9	TN	Waverly, k, ads ment.	
			Route 20 in Dickson	675
1846 KEZV	101.1	SD	Spearfish, b	1250
1848 KFXE	92.3	AR	Pine Bluff, k,	
			"FOXY 92"	935
1851 KADL	94.9	AR	Pine Bluff, r, "EZ-95"	
			Little Rock ments., way o/Local CKQT	
			(No doubt you heard them but they	
			are now KZLR with a strict KZ-95	
			non-ID -jif)	935
1854 KVKI	96.5	LA	Shreveport, r	1090
1855 KTCL	93.3	CO	Ft. Collins, ads	1380
1656 KWKH	94.5	LA	Shreveport, k,	
			o/Local 105 kw. WNE! "94 COUNTRY"	
			+ calls	1090
1900 KDKS	92.1	LA	Benton, s,	
			ID: "Benton-Shreveport-Bossier"	1085
KAQA	105.9	NE	Alliance, k	1241
1937 KCND	90.5	ND	Bismarck, ND wx	1109
2050 Shreveport:			KVKI-96.5 and KRMD-101.1	
2100 KMSL	100.1	AR	Stamps, k,	
			ID: Stamps-Magnolia-Lewisville	1010
2101 KLSA	90.7	LA	Alexandria, ID	1118
2110 KIKK	95.7	TX	Houston, k, "KICK"	1311
2118 KZPS	92.5	TX	Dallas, rp,	
			"CLASSIC HITS 92.5"	1224

JULY 14 Es continued...

2130 WLIN	95.5	MS	Jackson, ID	978
2135 WQXY	100.7	LA	Baton Rouge, r	1113
2137 KQID	93.1	LA	Alexandria, r,	
			"93QID"	1118
2140 KYKR	93.3	TX	Port Arthur, k,	
			"COUNTRY KICKER"	1221
2141 KAFX	95.5	TX	Diboll, r,	
			"K-FOX-95"	1188
15 Es				
1800 WBSN	89.1	LA	New Orleans, g	1098
1801 WNO	89.9	LA	New Orleans,	
			area traffic	1098
1805 WMMJ	96.5	AL	Birmingham, r,	
			"MAGIC 96"	787
1806 WBHMt	90.3	AL	Birmingham, NPR nx	787
1808 WUMF	88.1	FL	Pensacola, NPR nx	983
16 Es				
1052 Jackson, MS:			WYNN-96.3, WLIN-95.5, and	
			WTYX-94.7	
1105 UNID	92.1,		"B-92"	
1111 KROF	104.9	LA	Abbeville, many	
			Abbeville ments., jingle, k,	
			new calls? (yep, and it was KROF	
			once before, too -jif)	1180
1112 WPDS	93.3	FL	Tampa, m,	
			"PARADISE 93.3"	1047
1113 KBTS	93.3	TX	Killeen, r,	
			"AUSTIN's B-93"	1310
1115 WNL	95.7	FL	Clearwater,	
			wx 4cast for area	1045
1126 KMEZ	100.3	TX	Dallas, b	1224
1134 KTLS	93.3	OK	Ada, r	1128
1137 KZZB	95.1	TX	Beaumont, r, "B-95"	1216
1142 KRPT	103.7	OK	Anadarko, ads	1204
1152 KLA	101.5	OK	Lawton, k,	
			"K-LAW 101"	1234
1200 KLLO	101.1	TX	Houston, rp,	
			Legal ID	1311
1211 KMKS	92.1	TX	Bay City, r	1375
1303 KLSA	90.7	LA	Alexandria, c	1118
1313 KECO	96.5	OK	Elk City, k, wx	1240
1337 KETX	92.1	TX	Livingston, k, ID	
			"KTX", this seems to fit,	
			sounded mono.	1200
1345 KNYD	90.5	OK	Broken Arrow,	
			talk show	1015
1346 KERA	90.1	TX	Dallas, stn. promo	1224
1354 KDKS	92.1	AR	Benton, ads	1085
1407 WBRH	90.3	LA	Baton Rouge,	
			area ments.	1113
1414 WPR	91.7	MS	Lorman, ID then jazz	
				1029
1423 WCKW	92.3	LA	La Place, pr	1105
1504 WRKF	89.3	LA	Baton Rouge, c	1113
1526 WQUE	93.3	LA	New Orleans, rs,	
			"Q-93"	1098
1600 KKNG	92.5	OK	Oklahoma City,	
			b, wx, "EASY 92"	1124
1602 KCSC	90.1	OK	Edmond, c,	
			Legal ID w/OKC	1129
1606 KOSUT	91.7	OK	Stillwater, c	1060
1659 KLRE	90.5	AR	Little Rock,	
			AR ments., Legal ID	932
16 Tr				
1701 WKAR	90.5	MI	E.Lansing, loud	
			w/nx, ID, AM 870 mention	290

-->--> CONTINUED -->-->

GREG CONIGLIO's report (continued)

JULY 17 Es

1610 CBHA	90.5	NS	Halifax, CBC nx,	
			1st Canadian Es, Atlantic Time check	758
1615 CBGA-17	89.3	PQ	Gaspe, FF mono	803
1615 CBMC	92.3	PQ	Thetford Mines, EE CBC,	
			this is the only one that fits.	
			Very close Es.	420
1630 CBV-8	90.1	PQ	Thetford Mines, FF mono	420
1645 CBAF-23	91.5	NB	Campbellton,	
			CBC FF mono	673
1700 CKRL	89.1	PQ	Quebec, p, FF, ID	450
1707 CJMF	93.3	PQ	Quebec, p, sounded FF	450
1730 CBTL	90.1	NF	Millertown, CBC EE	1180
1731 CBGC	92.5	NF	Carmanville, CBC EE	1300
1735 CBMM	90.3	NF	Marystown, CBC EE	1150
1745 CFOZ	100.3	NF	Argentina, rp,	
			Newfoundland Time check	1245
1745 VCOM	97.5	NF	St. John's, r, "VO-FM"	1292
1748 CBN	106.9	NF	St. John's,	
			CBC talk, in \$	1292
1748 CBAF-20	105.9	NF	St. John's, FF mono	1292
1750 CKIX	99.1	NF	St. John's, k,	
			CKO-3 nulled	1292
1756 KQLS	100.3	KS	Colby, r	1203
1800 KNGM	91.9	KS	Emporia	
1811 CJOZ	94.7	NF	St. John's, rp,	
			probably // to CJOZ	1292
1817 KHOK	100.7	KS	Hoisington, ID, u/CHIN	1090
1823 KQD	95.5	ND	Jamestown, k,	
			"J-COUNTRY"	1040
1824 CBNrt	95.5	NF	Rames, CBC mono	1085
1830 KGLS	93.1	KS	Pratt, k, "LS Radio"	1100
1937 KGBI	100.7	NE	Omaha, g	894
1944 KTW	89.7	IA	Council Bluff, c	885
1948 WOV	94.1	NE	Omaha, k, CBL nulled	894
2000 KACV	89.9	TX	Amarillo, p,	
			Amarillo mention	1343
2035 KWKR	99.9	KS	Leoti, briefly up o/CKFM	
			(GW) and WOKW (Tr) w/mention of tornado	
			in Scott City area	1250
17 Tr				
2100 WUNY	89.5	NY	Utica, c, o/CIUT,	
			ID w/WCNY-91.3 and WJNY-90.9	190
18 Tr				
1017 WHOT	101.1	OH	Youngstown, r,	
			"HOT FM-101", o/CHEQ	164
20 Tr				
1512 WCPN	90.3	OH	Cleveland, excellent	187
1515 WRQC	92.5	OH	Cleveland Hts. o/WRRN	187
1518 WPHR	107.9	OH	Cleveland, rs,	
			"POWER 108", o/CING in mess from WBYR	187
1522 WMJI	105.7	OH	Cleveland, rm,	
			"MAGIC" o/Local CHRE	187
1524 WMMS	100.7	OH	Cleveland, rp,	
			CHIN nulled	187
1526 WCLV	95.5	OH	Cleveland, c	187
1548 WCOJ	105.5	OH	Conneaut, g	140
1550 WDOJ	102.1	OH	Cleveland, m, o/CFNY	187
1600 WHYP	100.9	PA	North East, k,	
			ID w/Erie, mono	75
1602 WIOT	104.7	OH	Toledo, rp, Legal ID	255
1610 WCVJ	90.9	OH	Jefferson, talk	125
1612 WSEKt	106.9	OH	Canton, rp	196
1850 WZLE	104.9	OH	Lorain, g	195
1944 WYFM	102.9	PA	Sharon, rm, "Y-103"	
			ID w/Youngstown, o/CKLH	157
1955 WKBN	98.9	OH	Youngstown, b, "EASY 99"	164
1955 WDJQ	92.5	OH	Alliance, r, ID,	
			Canton mentions	181
2100 WHCU	97.3	NY	Ithaca, Legal ID, o/CJEE	120

JULY 21 Tr

0130 UNID	101.3		open carrier (in stereo).	
Does WGBI sign-off and leave the carrier on like this? (Believe WGBI is NSP - I haven't noted them off in many years -jf)				
0149 WDET	101.9	MI	Detroit, j	232
0740 WCLR	107.3	OH	Elyria, p, ads, "Z-ROCK"	191
27 Tr				
0000 WHYT	96.3	MI	Detroit, rs, "POWER 96", other Detroit in.	232
29 Es				
2130 KJOL?	90.3	CO	Grand Junction, area ments. Can Es go that far? (yes -jf)	1571
31 Tr				
2100 WPHN	90.5	MI	Gaylord, "NORTHERN CHRISTIAN RADIO" so assumed g	330
2108 WQLZ	105.1	MI	Cheboygan, r, 2nd furthest tropo	336
AUGUST 1987				
1 Tr and Es				
1130 WERG	89.9	PA	Erie, r, u/WRVO	90
1200 WDUQ	90.5	PA	Pittsburgh, NPR, legal ID	183
1245 KWFC	89.1	MO	Springfield, g, legal ID, wx	851
1254 KOBC	90.7	MO	Joplin, g, wx, "FM-91"	929
1700 CBHA	90.5	NS	Halifax, CBC	758
2 Es				
1737 KZBX	104.9	OK	McAlester, ads, ID, r, "ALL HIT RADIO"	1050
1746 KMCO	101.3	OK	McAlester, ads, k, 1st Es to top WE20 in awhile	1050
1756 KLTE	101.9	OK	Oklahoma City, oldies	1124
1816 KVSU	105.5	KS	Beloit, KS state nx, and mention of record high in Concordia, which is a few miles away from Beloit	1030
1821 KLSI	93.3	MO	Kansas City, r, ID	870
1823 KMZU	101.1	MO	Carrollton, wx, k	810
1824 KICT	95.1	KS	Wichita, p	1051
1826 KCPW	94.9	MO	Kansas City, r, "POWER 95"	870
1830 KHUM	95.7	KS	Ottawa, b, wx, calls + "96-HUM-FM"	890
1843 KQMA	92.5	KS	Phillipsburg, Rick Dees Weekly Top 40, r, "MID-AMERICA's Q-93"	1100
1858 KQLS	100.3	KS	Colby, r, ID, sounded mono	1203
1903 KRG	96.5	NE	Grand Island, wx, k, "ALL HIT COUNTRY 96"	1046
1907 KROA	95.7	NE	Grand Island, news	1046
2100 WSIU	91.9	IL	Carbondale, legal ID	646
3 Es				
0138 KPLO	94.5	SD	Reliance, k\$, wx ID: The Stereo Stations, KDLO-FM / KPLO-FM	1048
4 Tr				
1040 CK01	106.9	ON	Ottawa, CKO nx, \$	226
1046 CHEZ	106.1	ON	Ottawa, rp\$, "SHAY 106"	226
1047 CKBY	105.3	ON	Ottawa, k	226
1050 CHEQ	101.1	ON	Smith's Falls, Q-101	220
1052 CINF	94.9	PA	Hull, mb, ID in FF, way o/CKQT and in \$, 1st PQ on Tr	226
1100 WAMC	90.3	NY	Albany, legal ID	239
-->--> CONTINUED -->-->				

GREG CONIGLIO's report (continued)

AUGUST 5 Tr

0840 CBF9t 91.9 PQ Mont-Laurier, FF, Was this if CFRC isn't FF. Anybody know? (CFRC is a college station, and supposed to be moving to 101.9 -jf) 289

COMMENTS: July was a pretty good month for FM DX with a good mix of Es and Tr. New loggings were slightly down from the amazing month of June (137 in June, 121 in July). So far (as of the 4th) August looks good for Tr and fair for Es (The Es season is really over - you may see an occasional opening in coming months - but don't count on it! -jf). 73s and Super DX, Greg.

KURT RICHARDSON - 23 BEVELL LANE - N. SYRACUSE, NY - 13212

Equipment: Receiver - Heathkit AR-15

Antenna - Radio Shack 10 element Stereo Supreme antenna at 55' AGL.

Addendum to last months listings, after listening to the tapes with a fine tooth comb:

JUNE 1987

8 Es

1423 WJMI 99.7 MS Jackson, "JMI-FM", s

15 Es

2031 WPDS 93.3 FL Tampa, "PARADISE 93.3, AC

2124 WARM 99.7 GA Atlanta, "POWER 99 FM", CHR

29 Es

2104 KADL 94.9 AR Pine Bluff, AOR,

(please recheck tape - they were KZ-95/

KZLR by this date -jf)

The regular report -

JULY 1987

1636 WLVE 93.9 FL Miami Beach, "LOVE 94 FM, AC

1653 WFUZ 93.7 FL Ocala, "Z-93 FM", AOR

(I think this is now WMMZ....wish stations

would use the "call signs every now and

then! It'd be easier on us DXers. -jf)

2059 KQXY 94.1 TX Beaumont, "FM-94", EZ

14 Tr

WJBR 99.5 DE Wilmington,

"BRIGHT 99.5", AC

14-Es

1746 VQCM 97.5 NF St. John's, "VO-FM", r

1752 KZEN 100.3 NE Central City, "KZ-100 FM", k

1757 KUWR 91.9 WY Laramie, "PUBLIC RADIO", t

1819 KTCS 99.9 AR Ft. Smith, k

1819 KKAJ 95.7 OK Ardmore, "KKAJ-FM", k

1820 KMAG 99.1 AR Little Rock, AC

1822 KHLT 94.1 AR Little Rock, "K-LIGHT", AC

1822 ??? 94.9 AR "KZ-95 FM"

('Tis KZLR Pine Bluff, mentioned above -jf)

1825 KXNP 103.5 NE North Platte, "KX-104 FM"

CHR

1827 KSSN 95.7 AR Little Rock, "KISSIN", k

1828 KHLs 96.3 AR Blytheville, k

(It finally moved! -jf)

1829 KZEZ 100.3 AR Little Rock, "EZ-100", b

1831 KZOU 98.5 AR Little Rock, "ZOO-98 FM",

CHR

1841 unID 100.3 "HIT 100 FM", CHR

1900 KDEZ 100.1 AR Jonesboro, "EZ-100", b

1910 KNEB 94.1 NE Scottbluff, MOR

2100 KMEZ 100.3 TX Dallas, "EZ-100", b

2115 KPLX 99.5 TX Ft. Worth, "K-PLEX FM", k

2119 KORQ 100.7 TX Abilene, AC, "100.7 KORQ"

2121 KTXQ 102.1 TX Ft. Worth, "Q-102", AOR

2125 WJMI 99.7 MS Jackson, s, "WJMI-FM"

2125 KLTR 93.7 TX Houston, "K-LITE 93.7", AC

2126 KVIL 103.7 TX Dallas, "103.7 KVIL", AC

2127 KRRV 100.3 LA Alexandria,

"K-DOUBLE R-V", k

2140 KAFX 95.5 TX Diboll, "K-FOX 95", CHR

15 Tr

0834 WQKX 94.1 PA Sunbury, "94 KX", CHR

0837 CHOM 97.7 PQ Montreal, "97 ROCK", AOR

0838 WJRR 98.1 VT Rutland, "FM-98", b

0840 WWSH 97.9 PA Hazleton, "WISH 98", b

0843 WGBI 101.3 PA Scranton, "STEREO 101",

AC

0844 WKXW 101.5 NJ Trenton, CHR

0847 WKRZ 98.5 PA Wilkes-Barre, CHR,

"KRZ FM98"

0847 WUSL 98.9 PA Philadelphia, s,

"POWER 99" (Believe so -jf)

0850 WKSZ 100.3 PA Media, KISS 100", MOR

(Really soft rock....and they like to

spell out "kiss" occasionally so you'd

think their call is KISS. -jf)

0850 WHTZ 100.3 NJ Newark/NYC, "Z-100", CHR

0850 WQHT 103.5 NY Lake Success/NYC,

"HOT 103", CHR

0851 WRKS 98.7 NY New York, s, "KISS FM"?

(yep -jf)

0852 WMZQ 98.7 DC Washington, k

(Local WNYZ-98.7 Utica, NY on

very low power.)

16 Es

1052 KMEZ 100.3 TX Dallas, "EZ-100", b

1055 KQXY 94.1 TX Beaumont, "FM-94", b

1059 KNGG 92.5 OK Oklahoma City,

"EZ 92 FM", b

1116 KOJO 94.1 TX Ft. Worth, "KO-JO FM", g

1124 KLTR 93.7 TX Houston, "K-LITE 93.7", AC

1128 KAFB 95.5 TX Diboll, "K-FOX 95", CHR

1135 KLAK 97.5 TX Beaumont, "K-LAKE FM" CHR

(This isn't Durant, OK??? -jf)

1146 KMOD 97.5 OK Tulsa, "97.5 KMOD", AOR

1148 KRAV 96.5 OK Tulsa, "FM 96 KRAV", AC

1200 KXY 96.1 OK Oklahoma City,

"KXY-96", k

1206 KRLG 98.1 OK Lawton, "G-98", r

1514 KITT 93.7 LA Shreveport,

"93.7 KITT", AC

(any clues?)

1538 WXL 94.1 ?? "PLAYING THE HITS" (McComb, MS -jf)

1600 KLSA 90.7 LA Alexandria, "90.7 FM", r

1631 WQTD 93.7 MS Biloxi, "94-QID", CHR

1632 WBYU 95.7 LA New Orleans, "BAYU FM" b

1638 KITT 93.7 LA Shreveport

1702 KOJO 94.1 TX Dallas

17 Es

1640 WIAL 94.1 WI Eau Claire, "I-94 FM", AC

1642 WAYL 93.7 MN Minneapolis,

"STEREO 94", b

1645 KQRS 92.5 MN Minneapolis, CHR

1930 WOW 94.1 NE Omaha, "FM-94", k

1936 KYEZ 93.7 KS Salinas,

"KY COUNTRY 94", k

1938 KROA 95.7 NE Grand Island, g

-->--> CONTINUED -->-->

KURT RICHARDSON's report (continued)

18 Tr

1052 WNCN 104.3 NY New York, c

1102 WAEB 104.1 PA Allentown,

"LAZER 104 FM", CHR

AUGUST 1987

3 Es

0056 KSDN 94.1 SD Aberdeen, "NEW ROCK 94", r

0126 KWYR 93.7 SD Winner, "MAGIC 93", CHR

COMMENTS: The 14th was a strange opening. First shooting NE to Newfoundland, and then

quickly shifting to the southwest. Several new catches in this opening.

The troposphere on the 15th was aided by the fact that WNYZ-98.7 Utica was on low

power, making reception of WMZQ possible.

The E-skip played "cat and dog" on the 16th. Multiple listings of a given station

occurs where a station faded completely and returned at a later time. (I edited some of those

out, Kurt, as I didn't see the point to listing a station three or four times on the same

opening. Does it really serve a purpose? -jf).

Until next month, good luck - Kurt.

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, NJ - 07080

Equipment - A McIntosh MR-78 tuner. Two CM Stereo Probe 9s, stacked, at 40' AGL

JULY 1987

4 Tr

1710 Local WAWZ-99.1 off!

1719 WIYY 99.1 PA Ebensburg-Johnstown, r,

Uses variations of "POWER" as their

slogan. (WAWZ still off at 1820!). 226

2235 Strong semi-local WKDN-106.9 off!

2240 WSKX 106.9 VA Suffolk, "KIX-106", k

ex-WTID 289

7 Es

1711 KRES 104.7 MO Moberly, k,

"KRES COUNTRY" 957

1722 WRKX 95.3 IL Ottawa, ID 754

1820 KDCR 88.5 IA Sioux Center, wx, ID 1143

1821 KSTA 99.3 MN Alexandria, ID, r? 1116

1843 KLLR 99.3 MN Walker, ID as

KLLR FM...and AM 1101

1850 CKVOX 99.9 MN Morehead,

call + "K-100", ex-KIDA 1197

1859 KCCM 91.1 MN Morehead, MPR, ID 1197

1900 WIRR 90.9 MN Virginia-Hibbing

(not Buhl, although they gave a

Buhl address in their local insert) 1019

8 Tr

0225 CQKT 94.9 ON Oshawa, r, gave

mostly CKAR-1350 IDs 319

11 Es

1511 WGTB 97.3 FL Miami, "97-GTR", r

ex-WAIA 1078

1516 WAXY 105.9 FL Ft. Lauderdale, ID,

o/local WNNK 1051

1520 WIRK 107.9 FL W. Palm Beach, k, 1010

1528 WGYL 93.5 FL Vero Beach, ID, contest 956

1533 WZTA 94.9 FL Miami Beach, "ZETA 94",

r, ex-WINZ/WOCN 1076

1539 WEOU 92.5 FL Key West, "WOW" + call,

soft r, ex-WFYN 1187

1548 WLOQ 103.1 FL Winter Park, "LOQ" 915

2029 KKBQ 92.9 TX Pasadena, "Q-93", r 1393

2032 KSB 88.1 TX Humble, g, on a

"Share-a-thon" (a.k.a. send \$\$\$) 1386

2039 KHYS 98.5 TX Port Arthur,

"KISS 98 FM - THE POWER STATION" 1325

12 Tr

0426 WIBQ 93.5 NY Remsen, k, ID 194

0959 WVRW 93.5 NY Hudson, ID, ex-WHUC 121

13 Tr

2135 WFLS 93.3 VA Fredericksburg,

ID, ads, k, o/WMMR (most unusual) 225

AUGUST 4 Tr

1039 WAMO 105.9 PA Pittsburgh, "FM 106", s

1040 WWS 106.7 PA Beaver Falls,

"KISS FM", CHR

1040 WSSH 99.7 PA Pittsburgh,

"WISH 100", EZ

1040 WBZZ 93.7 PA Pittsburgh,

"B-94 FM", CHR

COMMENTS: To be continued next month.

17 pages is enough for this month! All

reports received thru Aug. 11th have been

included! 73, Joe

WESTERN TV-DX

Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

September 1987

Deadline: 10- 8-87

Another nice column this month, dominated by continuing reports of excellent E skip this season. One of the nicer loggings reported is double hop last May from Pat Dyer's QTH to Puerto Rico.

New _____ New Mode _____ Tent. - t Unidentified - unid S/On - + S/Off - =
ID Color Bars - @ Unid Color Bars - % IHTP - % Misc. Test Patterns - &

BN Baja California Norte
CH Chihuahua
GR Guerrero

JA Jalisco
NL Nuevo Leon
SI Sinaloa

YN Yucatan
ES El Salvador
GU Guatemala

Eric Bueneman, P.O. Box 1202, Florissant, MO 63031-0202 (DX from Hazelwood) CDT

Equipment: Samsung 19"color TV (circa 1984), Archer VU-110, Winegard UHF antenna, two Archer in-line amplifiers at 540 feet ASL.

June 1987	29 Es 2220	KDFW 4 TX 540	5 tr 1859	WFIE 14 IN 165
26 Es 1940	XHBC 3 BN 1485	(Under KMOV-4)	1900	WUSI 16 IL 130
1951	KNAZ 2 AZ 1190	(Under KTVI-2)	1901	WKMA 35 KY 190
	(Under KTVI-2)		1902	WEHT 25 IN 165
29 Es 1937	WMAR 2 MD 740	(Under KTVI-2)	1903	KRCG 13 MO 100
	(Under KTVI-2)			KOMU 8 MO 105
1938	KYW 3 PA 830	July 1987	1959	WVUT 22 IN 135
tr 2130	KOZK 21 MO 190	4 Es 1845	2000	WICD 15 IL 150
Es 2159	KFDX 3 TX 555	5 tr 1855	2001	WKMJ 68 KY 255
2203	KENW 3 NM 780	1856	17 Es 1728	KACB 3 TX 675
2215	KIII 3 TX 855	1858		(KRBC-9 ID)

E skip hasn't been too shabby this summer, with mainly KENW-3, CBWFT-3, and WFSB-3 in this summer. No channel 6 E skip has made it through this summer, because the channel is a total mess. No channel 6 stations come in on my TV because KCLC-89.1 is only seven miles from my shack. Channel 3 is easy between KTVI-2 and KMOV-4, both of which are twenty miles from the shack to their transmitters. Looks like no more tropo for awhile, because the UHF antenna is not picking up KNLC-24, KDNL-30, K52AY, and K56CA like it should. I plan to replace the Winegard with an Archer U-120. 73

Frank Merrill, P.O. Box 669, Macomb, IL 61455

CDT

Equipment: Channel Master 3617 "Super Crossfire" VHF (top-of-the-line), Channel Master seven foot UHF dish, Alliance rotor and Winegard preamplifiers on a seventy foot Rohn tower.

July 1987	8 Es 2300	WESH 2 FL	11 tr 0602	WXTX 54 GA CCI
3 Es 1959	WUNC 4 NC	9 Es 1804	WBRZ 2 LA	Es 1450
2000	WFMY 2 NC	1814	WESH 2 FL	1451
	WUND 2 NC	1818	WTVJ 4 FL	1500
4 Es 1749	XEPB 2 NL	1821	WPBT 2 FL	1853-1920+
1759	KIII 3 TX	1829	WCIX 6 FL	(See Note)
	KGBT 4 TX	1834	WJXT 4 FL	1900
	KRGV 5 TX	1838	WCPX 6 FL	2059
1829	KRIS 6 TX	1859	WPTV 5 FL	2100
5 Es 1558	XEPM 2 CH	10 Es 1900	WPBT 2 FL	1357
6 Es 1927	KTVQ 2 MT	11 tr 0540	WDBB 17 AL	13 Es
7 Es 1530	WGBH 2 MA		WTTO 21 AL	lots of Es-but no time
1559	WLNE 6(RI)		WZDX 54 AL	14 Es
1612	WCVB 5 MA		WAFB 48 AL	1636
1700	WPBT 2 FL		WZTV 17 TN	1637
1703	CKMI 5 PQ		WFIE 14(KY)	WNYW 5 NY
1715	CBOT 4(PQ)		(Snow free)	2000
1722	CJPM 6 PQ	0545	KFVS 12 MO	WUNC 4 NC
1734	WNBC 4 NY		(Snow free)	2028
1750	WFSB 3 CT		WKABt 32 AL	2029
1810	WCVB 5 MA	0556	WAAV 31 AL	2031
				WEAT 6 NC
				16 Es 1500
				WWAY 3 NC

Western TV DX

September 1987

Frank Merrill (continued)

16 Es 1500	WUND 2 NC	19 Es 1900	KTVQ 2 MT	21 tr 0415	Michigan
17 Es lots of Es-but vy busy		20 tr ???? to 350 mi.w & nw		Es 2000	WPBT 2 FL
1410	WTVJ 4 FL	2335	K24AC 24 NE		WESH 2 FL
	WEDU 3 FL	(Falls City KUON-12)		22 Es 1400	KUTV 2 UT
1737	unid ch8 Es CCI!	21 tr 0100	Clarinda xltres inc. ch 60-rare!	29 tr 0259	WCCO 4 MN
1800	CJCH 5 NS	0104	@KTIV 4 IA		KXLI 41 MN
19 Es 1606	WLBZ 2 ME		(With WHBF-4 on)	Es 1857	XEPB 2 NL
1859	KTMO 2 WY	0415	CKCO3 42 ON	2044	XEPM 2 CH

Note - During this period on July 11, I had an undulating cyclical tone, cycling from about 200 to 300 to 200 cps twice per second. No apparent video. Could this be some kind of "marker" in the Caribbean, perhaps for navigation? Has anybody in the south ever had this?

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228-2744 (WA5IYX) CST

Equipment: 1980 model Penncrest 9" black and white, Archer V-100 and eight bay bow tie UHF array at 20 feet with rotor, Emerson 872 VCR.

May 1987	2 Es 2238	(MUF 92.5-2244)	5 Es 1959	WSJK 2 TN 1010
1 tr 0004	WNOLt 38 LA	2250-0000 unids chs2,3		(MUF 89.3-2004)
	WGN0t 26 LA	3 Es 0000-0018 unids chs2,3	2030	apx fade/outs
	KADNt 15 LA	tr 0247	WGN0t 26 LA	6 Es 0850
0106	KFDM 6 TX 275	Es 0818	unids chs 2, 3	tune/in
	WVUE 8 LA 510	0828	WCBd 2 SC 1120	unids chs 2, 3
0124	(Not much TV, considering FM duct to Tampa)	0858	WESHt 2 FL	0859
		0859	WPBT 2 FL 1150	WBYA 2 WI 1190
0258	WAFB 9 LA 450	1000	apx fade/outs	KTcat 2 MN
0300	KLFY 10 LA 395	1216	unid ch2 s brief	WISct 3 WI
0301	WLPB 27 LA 450	1251-1325 unids chs2-4	0959	KGAN 2 IA 945
Es 1715	KCBSt 2 CA	nw and ne	1030	WBBM 2 IL 1045
1734	YSR t 2 ES	1333	WJMN 3 MI 1280	1050
	YSU t 4 ES	1338-1352 unids chs2-6	1752	tune/in
1759-2005 unids chs2-6	(Spanish)	1400	KOTA 3 SD 1040	unids ch 2 se
2059	KUTV 2 UT 1080	(MUF 92.5-1414)	1800	fade/outs
2124	KIDK 3 ID 1215	1510	KPRYt 4 SD	2157
2203-2211 unids chs2,3	(Spanish)	1515	KXMA 2 ND 1225	unids ch 2 brief
		1630	XEW0 2 JA 690	tune/in
2 Es 0956	tune/in	1652	unids chs 2-6	7 Es 1025
	WPBT 2 FL 1150	1730	XHAP 2 GR 880	1028
1001	WTVJt 4 FL	2100	spotty	1130
	(MUF 92.3-1002)	2215	apx fade/out	1152
1004	WCIXt 6 FL	4 Es 0845	tune/in	1449
1010	WEDU 3 FL		KEYT 3 CA 1270	unids chs 2, 3
1040	WCBd 2 SC 1120	0849	KCBS 2 CA 1190	1450
	WJXTt 4 FL	0850	fade/outs	1454
1050	WBTv 3 NC 1105	1110-1220 unids chs2-4		WJXTt 4 FL
1051	WCSCt 5 SC	(Spanish- south)	1459	WESH 2 FL 1055
1059	WSJK 2 TN 1010	1232	unid ch2 Sp west	1508
1102	WRCBt 3 TN	1245	KUTV 2 UT 1080	WUFTt 5 FL
1129	WCCO 4 MN 1110	1305	fade/outs	(MUF 92.7-1517)
	KSTPt 5 MN	1543-1620 unids chs2,3		1529
	WBAyt 2 WI	1815-1840 unids chs2-6		WEDU 3 FL 985
1155	WTWO 2 IN 935	(Spanish-s or se)		1636
1219	WESH 2 FL 1055	(MUF 88.9 - 1859)		WPTVt 5 FL
1229	KTCA 2 MN 1110	1907	apx fade/outs	1659
1247	apx fade/outs	5 Es 1748-1845 unids chs2,3		WPBT 2 FL 1150
2150	tune/in	1846	WWAYt 3 NC	(MUF 88.9-1721)
	unids chs 2, 3		(MUF 92.5-2029)	1904
2155	KWGN 2 CO 810	1855	WCIVt 4 SC	WSB 2 GA 880
2203	KCNct 4 CO		WJXTt 4 FL	(MUF 92.5-2029)
2229	KTWO 2 WY 1015	1859	WESH 2 FL 1055	2100
2238	KGWLt 5 WY	1915	WSAVt 3 CA	WPBT 2 FL 1150
		1919	WCBdt 2 SC	WESH 2 FL 1055
		1951	WBTv 3 NC 1105	1527
		1959	WSB 2 GA 880	WTVJt 4 FL
				WKQA 2 PR 2180
				1624
				KDLO 3 SD 1070
				1629
				KUSD 2 SD 920
				WPBT 2 FL 1150
				1733
				WEDUt 3 FL
				1807
				WCBdt 2 SC

Pat Dyer (continued)

8 Es 1841	TGV t 2 GU	16 Es 2058	KTCA 2 MN 1110	26 Es 1737	WSIL 3 IL 810
2012	YSR 2 ES 1200	2101	KGAN 2 IA 945	1745	WTTvt 4 IN
2200	apx fade/outs	2127	KIMT 3 IA 985	1746	WTWO 2 IN 935
9 Es 1020-1045	unids ch 2 e	2157	(MUF 96.5-2151)	1857	WRTvt 6 IN
1115	unid ch 2 brief		KGFEt 2 ND	(MUF 101.5-1804)	
10 Es 1203	KCBSt 2 CA		KBMEt 3 ND	1859	WCIVt 4 SC
1210	KNBCt 4 CA		KPRYt 4 SD	1902	WWAY 3 NC 1250
1211	KTLAt 5 CA	2251	KFYRt 5 ND	1940	WCBdt 2 SC
1215	KTVKt 3 AZ	2255	KNOpt 2 NE	1958	WSAV 3 GA 1050
(MUF 105.9-1233)			apx fade/outs		KTCA 2 MN 1110
1239	KPHOt 5 AZ	18 tr 0144	KADNt 15 LA	2021	WCCOt 4 MN
1240	XHAQt 5 BN	0156	KLFY 10 LA 395	27 Es 1010	apx fade/outs
1312	KNAZt 2 AZ	0158	WAFB 9 LA 450	1056	unids ch 2 ese
1312	KVBCt 3 NV	0359	KALB 5 LA 385	1059	WSB 2 GA 880
1531	KIDK 3 ID 1215	0505	WPMIt 15 AL	1128	WBTv 3 NC 1105
1612	apx fade/outs		WGNOt 26 LA	1145	WSJK 2 TN 1010
1709-1759	unids chs 2,3		KVHPt 29 LA		soon fade/outs
1830-1850	unids ch 2	0621	WRBTt 33 LA	1550	unids ch2 sw brf
1859	WBBM 2 IL 1045		WNOLt 38 LA	1635	unids channel 2
(MUF 89.1-1901)			WAPTt 16 MS		(Spanish-spotty)
1901	KGFEt 2 ND	19 tr 0138	KLPBt 24 LA	1735-1815	unids ch 2
1912	KBMEt 3 ND	0139	KLFY 10 LA 395		(Spanish - sw)
1944	WPBTt 2 FL	0259	WAFB 9 LA 450	1830	WBTv 3 NC 1105
1946	WESHt 2 FL	0359	KNOEt 8 LA	1845	WFMY 2 NC 1175
1959	WSJK 2 TN 1010		KFDM 6 TX 275	1859	WWAY 3 NC 1250
2000	WBTvt 3 NC	21 Es 1723	KALBt 5 LA	1909	WCIVt 4 SC
2007	WCIVt 4 SC	1727	unids chs 2, 3		soon fade/outs
2102	unids chs 2,3 nw	1739	WBBM 2 IL 1045	1943-2058	unids 2,3 nw
2110	apx fade/outs	1744	WWMt 3 MI 1140	2100	KQTV 2 MO 750
11 Es 1050-1056	unid ch 2	1747	WDIVt 4 MI	2122	apx fade/outs
12 Es 1150	unids chs 2, 3	1758	WJBK 2 MI 1225	28 Es 0915	unids chs 2, 3
1159	KCBS 2 CA 1190		KTCA 2 MN 1110	0926	KWGN 2 CO 810
1211	KNBCt 4 CA	1826	WCCOt 4 MN	0938	KCNCt 4 CO
1212	KTLAt 5 CA	1842	CBWFTt 3 MB	0959	KTWO 2 WY 1015
(MUF 91.1-1216)		1845	KPRYt 4 SD	1027	fade/outs
1222	KSBYt 6 CA	1942	KFYRt 5 ND	1135-1230	unids chs 2,3
1229	KEYT 3 CA 1270		KSREt 6 ND	1239	KOTA 3 SD 1040
1302	fade/outs	2114	(MUF 101.5-2027)	1300	KWGN 2 CO 810
1517	unid ch 2 brief		(MUF 89.3-2213)	1517	apx fade/outs
1755-1900	unids chs 2,3	2213	KOTA 3 SD 1040	1609	unid ch 2 brief
(West, spotty)		2234	KTVQ 2 MT 1245	29 Es 1152	tune/in
14 Es 1600	WCBD 2 SC 1120		(MUF 92.5-2310)		unids chs 2, 3
WCIVt 4 SC		2329	apx fade/outs	1308	WESHt 2 FL
(MUF 89.3-1601)		22 Es 0600	tune/in	1345	WCIVt 4 SC
1638	WBTvt 3 NC		WESH 2 FL 1055	1346	WCBD 2 SC 1120
soon fade/outs		0612	(MUF 89.3-0602)	1400	apx fade/outs
tr 2220	KPLCt 7 LA	0616	WTVJt 4 FL	1515-1556	unids chs 2,3
2300	KVHPt 29 LA	0629	WJXTt 4 FL	1558	WJBK 2 MI 1225
2306	KFDMt 6 LA		WEDU 3 FL 985		WDIVt 4 MI
15 Es 0720	unids channel 2	0659	WPBT 2 FL 1150	1659	WDIN 2 OH 1075
0726	WCIVt 4 SC		(MUF 89.1-0724)		WESH 2 FL 1055
0808	WFMY 2 NC 1175	0729	KGFE 2 ND 1240	1711	WTTvt 4 IN
0959	apx fade/outs	0759	KTCA 2 MN 1110	1717	WTWO 2 IN 935
1047	unids chs 2-4	0805	WCCOt 4 MN	1725	KGAN 2 IA 945
1059	WWAY 3 NC 1250	0829	KXMA 2 ND 1225	1727	WBBM 2 IL 1045
WCBD 2 SC 1120		0859	KDLH 3 MN 1250		(MUF 88.5-1752)
1130	WSJK 2 TN 1010	0920	apx fade/outs	1755	WWAY 3 NC 1250
1159	WPBT 2 FL 1150	1455	WDTN 2 OH 1075	1759	WMMT 3 MI 1140
1204	apx fade/outs	1529	KIMT 3 IA 985	2004	apx fade/outs
1320-1410	unids ch2 ne		(MUF 107.9-1662)	2125-2134	unids chs 2,3
16 Es 1203-1225	unids chs 2,3	1855	KTCA 2 MN 1110	2133	WKYCt 3 OH
(Spanish- south)		2151	unids chs 2,3 nw	2136	KDKA 2 PA 1280
1710	unid ch 2 brief	2215	apx fade/outs	2200	unids chs 2-4
1748	WFMYt 2 NC	23 Es 0015	unid ch 2 brief	2216	KTWO 2 WY 1015
1758-1950	unids chs 2-4	0620	unid ch 2 brief	2232	apx fade/outs
2001	CHBX 2 ON 1405	26 Es 1455-1508	unids ch 2	30 Es 1100	unids chs 2-4
2020	WBAY 2 WI 1190	1720	WFMY 2 NC 1175	1118	WJBK 2 MI 1225
		1737	unids chs 2-6		WDIVt 4 MI
				1132	WCIA 3 IL 935

Pat Dyer (continued)

30 Es 1134	WTWO 2 IN 935	30 Es 1230	WBAY 2 WI 1190	30 Es 1700	unids chs 2, 3
1139	KTCA 2 MN 1110	1243	WFRVt 5 WI	1713	WCBD 2 SC 1120
1140	WCCOt 4 MN	1246	WJMN 3 MI 1280	1750	WFMYt 2 NC
1159	WMMT 3 MI 1140	1329	KIMT 3 IA 985		(MUF 89.7-1757)
(MUF 89.7-1228)		1445	WSJK 2 TN 1010	1829	WBTvt 3 NC 1105
		1459	apx fade/outs	1844	fade/outs

A heavy month of E skip, with one of the highlights being the Puerto Rico double hop on channel 2. 73, Pat, WASIYX

Dave Pomeroy, 1169 Webster, Topeka, KS 66604-1502

CDT

June 1987

July 1987

21 tr AM K39AJ	39 NE	1 gw K21AP	21 KS	2 tr ????	KMEG 14 IA
(Malcolm LPTV-TBN)		(Topeka LPTV-TBN)			K56AF 56 IA
29 Es 1800	WTVR 6 VA		(200'-750 Watts)		(Clarinda KMTV- 3)
1900	WRAL 5 NC		(On KSNT tower)		K30AL 30 KS
	WTKR 3 VA	2 tr ????	KTIN 21 IA		(Iola KTWU-11)
2200	WCFX 6 FL		(Over K21AP)	14 tr 0830	KYNE 26 NE
	WESH 2 FL		K39AJ 39 NE		K64BS 64 KS
				22 tr AM KSMQ	KOOD- 9)
					15 MN

Dave Sinclair, 6565 Brooks Street, Vancouver, BC V5S 3J6

PDT

Equipment: Archer antennas: VHF-FM model 15-8654, UHF model U-120 both mounted on separate chimneys 10 feet high, Archer coax wire (50 ft. each), Sony colour TV model KV 1215, Electrohome VHS VCR (Canadian made - excellent adjacent channel rejection.)

I am 48 years of age, married. Distances were calculated from John Combs' DX distance printouts. This report does not include KTPS-28, Tacoma and KCKA-15, Centralia (rebroadcaster of KTPS), as these come in almost daily.

June 1987

9 Es 1900

4 Es 1642	KTVK 3 AZ 1231	9 Es 1900	KNBC 4 CA 1063	Note - 6/8 @ 1425 - I
6 Es 0900	XHBC 3 BN 1210		(Over KOMO- 4)	received CB TP, national
0930	KTVK 3 AZ 1231	1915	KIEM 3 CA 584	anthem, and station ID for
8 Es 1150	KTVK 3 AZ 1231	14 tr 0614	KATU 2 OR 252	sign/on - rare catch!
1230	KVVU 5 NV 996		(CBUT not on)	
	(Over KING- 5)	0630	KPDX 49 WA 252	This is the first time
1355	KEYT 3 CA 757	Es 1920	KTVK 3 AZ 1231	I have been able to identify
1425	XHBC 3 BN 1210			over channels 4 & 5 Seattle.
(See Note)		3 Es 0940	KTVK 3 AZ 1231	Ch 3 is the only vacant VHF
1455	KCRA 3 CA 757	16 Es 1830	KCRA 3 CA 757	in this area and is some-
1557	KIEM 3 CA 584	1850	KVBC 3 NV 996	times difficult to identify
9 Es 1700	KEYT 3 CA 757	18 Es 1235	KEYT 3 CA 757	because of local CBUT-2,
				Vancouver and its relay, ch
				3, Chilliwack about 79 miles

east with 539 Watts. I envy DX'ers with no local VHF channels; better for cable too, no such thing as local impaired channels.

William Draeb, Ellis St., Rt. #2, Kewaunee, WI 54216

CDT

Equipment: See August 1987 Western TV DX

June 1987

29 Es 1800

22 Es 2125	unid ch 2 south	29 Es 1800	WWL 4 LA 1034	29 Es 2300	DX gone on all
2215	WBRZt 2 LA	1830	WKRG 5 AL 995		but channel 2.
2223	KPRC 2 TX 1117	1956	WUFT 5 FL		
25 Es 0859	KBTX 3 TX 1059		WPTV 5 FL 1295	July 1987	
1200	KARK 4 AR 727	1959	WTVY 4(FL)	3 Es AM	No time to watch
tr 2100	WCET 48 OH 400	2030	WCTV 6 FL	1929	WTVY 4(FL)
	WKON 52 KY 437	2159	KENS 5 TX		WRBL 3 CA
28 Es 1843	unid ch 2 south	2200	KJAC 4 TX		WDIQ 2 AL
	unid ch 2 s NBC	2205	KMOL 4 TX	2037	WEART 3(AL)
29 Es 1726	chs 2-6 strong sw	2230	KIII 3 TX	2100	WTBS 3 LA
1800	WDSU 6 LA 1034	2231	KBTX 3 TX		KJAC 4 TX
		2300	KNNZ 2 NM	2201	KATC 3 LA

Jeff Kruszka (continued)

18 Es 0906	unid ch 2 ABC	2025	KAMR	4 TX 1120	23-27	Vacation - Raleigh, NC		
0919	KNMZ	2 NM 945	1853	KMTV	3 NE 1130	29 Es 1700	unids chs 2-5	
0925	left to play golf		1858	unid ch 3 ABC			(4 deep on ch 5)	
1553	unid channel 2	2030	KNMZ	2 NM 945	1706	KVBC	3 NV 690	
	unid ch 3 PBS	21 Es 1652	XEPM	2 CH 1155	1714	KOB	4 NM 960	
1629	KGFE	2 ND 970	1658	KENW	3 NM 1115	31 Es 1902	unids chs 2-5	
2011	KFDxt	3 TX	1800	KNMZ	2 NM 945	1959	KNAZ	2 AZ 815
			22 Es 2002-2034	unids chs 2-4				

Another fantastic month! It started and finished kind of slow, but mid-month was quite exciting with several new personal records set, including a new distance record for E skip on the 18th with KOET-3 in. For three or four days there, it seemed like every time I turned on the TV, E skip was in - including 7:50 AM on the 18th! Thanks to Joe Manucci for his June VUD article on quad loops - I wish I had known about these sooner because they sure have boosted my DX'ing power.

Michael Parks, Route 1, Box 103, Amery, WI 54001

CDT

Equipment: See July 1987 Western TV DX

June 1987		3 Es 1834-1932	4 unids ch 2	13 Es 1829	WECT	6 NC 1081
1 tr 0018	K45AR	45 MN 143	4 Es 0220	KUTV	2 UT 1038	1831-2024 many unids
	(Eagle Bend	LPTV)	0243	KTVXt	4 UT	
0020	K20AC	20 MN 155	1403-1418	unids chs 2-6		
	(Wadena	KSTP- 5)	1529	WBTv	3 NC 925	
Es 1602	WCBD	2 SC 1094	1531	unid channel 3		
	WCIVt	4 SC	1716	WWAY	3 NC 1081	
1603	WTKRt	3 VA	1717	WTKR	3 VA 1019	
1606	WCSct	5 SC	1721	WRAL	5 NC 976	
1613	WRAL	5 NC 976	1725	WECT	6 NC 1081	
1617	WFMV	2 NC 917	1734	WCYBt	5(TN)	
1623	WUND	2 NC 1063	1735	WFMVt	2 NC	
1624	WWAY	3 NC 1081	1741	WTVRt	6 VA	
2 Es 1901	KAVE	6 NM 1103	1744	WOAYt	4 WV	
1902	unid ch 2,3 ABCs		1751	WUNC	4 NC 954	
1904	unid ch 4,5z		5 Es 1008	unid ch 6 NBC		
1905	WECT	6 NC 1081	1011	KMID	2 TX 1065	
1907-2024	unids chs 2-6		1012	WBRZ	2 LA 1036	
1917	WCYBt	5(TN)	1016	KENSt	5 TX	
2107	WCSct	5 SC	1033	KATC	3 LA 1050	
	WCIVt	4 SC	1102	KMOLt	4 TX	
	WCBdt	2 SC	1134	KENW	3 NM 981	
2148	WBTv	3 NC 925	1353	unid ch 3 ABC		
2211	WPSXt	3 PA	1356	KRTV	3 MT 916	
2216	KYW	3 PA 947	1456	CFRN	3 AB 1101	
2232	unid ch 2,4 NBCs		8 Es 1335	KIDK	3 ID 982	
2259	WWAY	3 NC 1081		unid channel 2z		
2306	WRC	4 DC 901	1340	unid ch 3 NBC		
2331	WTTG	5 DC 901	1559	KLEW	3(WA)1188	
2348	WMAR	2 MD 904	1629	KRTV	3 MT 916	
2354	unid ch 6 NBC		9 Es 2057-2114	unids chs 2-5		
3 Es 0003	KYW	3 PA 947	12 tr 0244	K22AE	22 MN 131	
0016	KCVB	5 MA 1076		(New Ula	LPTV-TBN)	
0023	WPVIt	6 PA	0245	St. James MN chs		
0028	unid ch 6 CBS			32,44,48,52,54		
0030	=WSTM	3 NY 814	0246	K20AD	20 MN 204	
0032	KYW	3 PA 947		(Worthington KSTP- 5)		
	(Yet again!)			K30AC	30 MN 184	
0038	WFSB	3 CT 1011		(Marshall KSTP- 5)		
0045	WNYWt	5 NY	13 Es 1720	WRAL	5 NC 976	
0049	WCSB	2 NY 976	1721	WCYB	5(TN) 804	
0051	WGRZt	2 NY	1727	unid channel 3		
0104	WIVBt	4 NY	1729	WWAY	3 NC 1081	
0133	&CBFT	2 PQ 907	1732	WTVRt	6 VA	
0146	WNBct	4 NY		WCBdt	2 SC	
0230	skip about gone		1733	WPMY	2 NC 917	
0159	&CBFT	2 PQ brief	1800	WCBD	2 SC 1094	
1608	CFAC	2 AB 1072				

Michael Parks (continued)

July 1987

2 Es 1457	WWAY	3 NC 1081	20 tr 1902	WLUC	6 MI 246	31 tr 0055	WISN	12 WI 272
1559	WSB	2 GA 908	Es 1957	KENW	3 NM 981	2232	KDSD	16 SD 301
11 Es 1813	KATC	3 LA 1050	21 tr 0405	St. James MN chs		2258	KYNE	26 NE 340
14 Es 1630	WPSXt	3 PA		32,42,44,48,52,54			KPTM	42 NE 359
1844	WRCBt	3 TN		Willmar MN chs		2334	KMEG	14 IA 287
	WSAVt	3 GA		14,42,46,48,50			KSIN	27 IA 287
1846	KATC	3 LA 1050	0445	K45AR	45 MN 143			
1847	WSB	2 GA 908		@K40AA	40 MN 153			
1849	WCBD	2 SC 1094		(Alexandria KTHI-11)				
1856	WBTv	3 NC 925		0447	K66BA	66 MN 158		
15 tr 2158	KDSD	16 SD 301		(Starbuck KMSP- 9)				
16 tr 0032	KESD	8 SD 232		@K64BG	64 MN 158			
0105	KUSD	2 SD 292		(Starbuck KTHI-11)				
0407	K25##	25 ?? 2300		(Rolling video)				
	(Unknown LPTV?)			0448	K38AC	38 MN 153		
0502	KPTM	42 NE 359		(Alexandria KMSP- 9)				
0525	&WVTV	18 WI 272		K34AF	34 MN 153			
0528	@KLJB	18(IL) 297		(Alexandria KVRK-15)				
0530	@WCGV	24 WI 272		0449	K24AE	24 MN 153		
0534	WEEK	25 IL 353		(Alexandria KSTP- 5)				
Es 1358	WCTV	6(FL)1102		K20AC	20 MN 155			
1459	WBTv	3 NC 925		0450	KDSD	16 SD 301		
	WCIVt	4 SC		0504	K21AK	21 MN 176		
1558	WCBD	2 SC 1094		(Morris SelectTV)				
1600-1958	many unids			0513	K18AI	18 MN 139		
17 Es 2102	unid ch3 CBS,MDT			(Grand Rapids KBRR-10)				
2116	KVBC	3 NV 1350		0516	K26AC	26 MN 188		
19 tr 1936	K60Aot	60 MN		(Bemidji KBRR-10)				
Es 1944	CFRN	3 AB 1101		(Both x SelectTV)				
tr 1955	KDSD	16 SD 301		0517	K59BT	59 MN 183		
2001	KDLO	3 SD 259		(Donnelly KMSP- 9)				
2011	K30AC	30 MN 184		0542	@K36AA	36 MN 153		
20 tr 1711	W16AC	16 WI 156		(Alexandria WDAY- 6)				
	(Land O'Lakes SelectTV)			22 tr 0127	KUSD	2 SD 292		
1902	WNMU	13 MI 246			KESD	8 SD 232		
	(Over WEAU-13)			28 tr 2240	KDSD	16 SD 301		
				30 tr 2310	KDSD	16 SD 301		
				31 tr 0034	WSBT	22 IN 397		
					WNDU	16 IN 397		

Some intense E skip blessed the first five days of June resulting in several new states: MD, MA, NY, CT, VA and DC (if that counts as a state). The opening on the 2nd surprised me by lasting well into the night; almost eight solid hours of skip. Most openings here die out by midnight. All in all, this year has been very good skip-wise compared to the last few years.

Regarding the unknown channel 25 on July 16: K25AA, Rock Rapids, IA, is in the right direction. Perhaps they were translating KSNT-27 while their primary KSIN-27 was off? Does anyone know if the KSN network has dropped Dr. Gene Scott in favor of "Caravan of Values" (another one of those ubiquitous home shopping programs)? Is K21AK in Morris, MN a channel change from K18AK listed in the WFTDA Translator/LPTV Guide or are they separate permits? They are quite strong compared to the nearby translators in Starbuck and Alexandria. What's their ERP? K39AJ also seemed to have a few thousand Watts as they too packed quite a punch. KSTP-5's translators in Redwood Falls and Marshall are still on even though they are only 15 to 20 miles from KRWF-43's transmitter near Vesta, Minnesota. There is also a KSTP translator in Granite Falls, about 25 miles from Vesta, which I assume is still on. W16AC has simplified their scrambling technique. They don't touch the audio or sync signals, but reverse the video so that the picture looks like a negative. I don't see where they'll get too many subscribers that way. They're perfectly watchable for free if you don't mind watching inverse video.

KXLI-41 is now transmitting with their full ERP. They had previously been at about half power since day one. The waveguide installed when the station was built was defective but was never replaced as they ran into financial difficulties soon after coming on the air. Besides replacing the waveguide, they finally got a decent character generator; they previously didn't even have lower-case ability! They've also updated their programming and are even running ads in TV Guide. The ads mention that KXLI-47 will be on the air soon. I'll believe it when I see it! All this upgrading is a result of the capital infusion of Halcom, Inc. to which L.E.O. Broadcasting has become a wholly owned subsidiary.

While they're getting better, WLAX-25 is getting progressively worse. Their signal-

Michael Parks (continued)

Michael Parks (continued) to-noise ratio is now about 10 to 15 dB worse on the average than WXOW-19 and WHLA-31's. The last couple of weeks their aural ERP seems to have been reduced to a bare minimum. Now I get to watch a picture full of snow and listen to WEEK-25, Peoria, whose audio is actually stronger than WLAX's most of the time!

On June 7th, a very severe thunderstorm came through here with winds probably in excess of 75 mph lasting about 15 minutes. Besides taking down three maple trees in the yard, it almost took down my antennas. The pressure on the northwest guy wires bent the quarter-inch diameter eye-hook to which they were attached to about 45° and cracked it almost a quarter of the way through. If the winds had lasted much longer, it probably would have broken clear through. I've never seen winds like that here before, and I don't care to again. I would imagine such wind speeds would be more common in hurricane prone areas such as the Gulf coast states.

(Glad to hear that your antennas stayed up! Regarding your speculation that K25AA may have been translating KSNZ-27 on July 16 - I noted that very situation once last year. Regarding your question about K21AK - this is indeed a separate permit from the one listed as K18AK. Both the FCC microfiche and Television Factbook list their ERP as 0.648 kW (TV Factbook says at 480 feet above ground). Since they list their transmitter output power as 1000 Watts, I wonder if their ERP is really 6.48kW? K39AJ's ERP is listed on the FCC microfiche as 52.9 kW. That is twice as much power as that radiated by my local full service station on channel 15. KVRR!! fm)

Randy Miltier, 1068 Fairview Avenue, San Jose, CA 95125

PDT

Equipment: 1986 23" Mitsubishi, 12" b&w Zenith, Channel Master 1160 VHF/UHF antenna and Channel Master rotor. Fisher VCR.

Well, this TV-DX season has to be one for the history books. DX has been almost non-stop since the beginning of June here. So far, I've added two new states with KUTV-2, Utah, and KTVK-3, Arizona. I also logged KREM-2, Washington, on July 29. Washington state is rare here. There seems to be a dome over Washington and British Columbia. The strangest DX occurred on July 16 when on channel 2 I had CFAC, Calgary, Alberta; and on channel 3. I had XHO in Mexico.

I've sent a few reception reports out, and the return has been good. The only two stations I'm having problems with for verification are KENW-3, New Mexico, and KAVE-6 (KVIA), New Mexico. Can anyone offer some help on these two guys?

Has anyone experimented with VCR's as far as tuners go? I use a Fisher VCR and member Sally Ortega uses a Zenith VCR and the Zenith out performs the Fisher by a great deal. UHF stations come in 20% better on the Zenith VCR, and I use a more powerful antenna. Also, I play back all of my DX tapes on her Zenith because I see things on the Zenith I don't see on the Fisher. Incidentally, I just put \$90 into the Fisher for maintenance so it's not worn out. I guess the name Zenith still lives on. Does anyone have comments on VCR's? Just for information, the shop that worked on my VCR told me that TDK tapes seem to be the best to use. They don't seem to break down and leave deposits on the heads as the other brands do.

July 1987												
3 Es	0957	unif ch 3 CBS	11 Es	1700	KLNE	3 NE	1225	17 Es	1229	KFDX	3 TX	1331
	1105	CFAC		1730	unif ch3	Spanish			1237	KMID	2 TX	1170
4 Es	2130	unif channel 3		1807	CFAC	2 AB	1023		1255	KENW	3 NM	1060
5 Es	1129	<u>KSNW 3 KS 1335</u>		1831	KTVQt	2 MT			1319	unif ch 4 CBS		
	1401	unif ch 2 NBC		1900	unif channel 3				1343	unif channel 5		
7 Es	1145	unif channel 2	14 Es	1650	KLNE	3 NE	1225		1345	unif channel 6		
10 Es	1000	KSNW 3 KS 1335		1655	KSNW	3 KS	1335		1359	KENW	3 NM	1060
	1008	KWGN 2 CO 917		1703	unif channel 2				1630	KSNW	3 KS	1335
	1015	KLBY 4 KS 1122	15 Es	1830	unif ch3	Spanish			1848	KOTA	3 SD	1082
	1026	<u>KLNE 3 NE 1225</u>		1856	unif ch2	Spanish			1855	CFACt	2 AB	
	1036	unif channel 6	16 Es	1621	CFAC	2 AB	1023	18 Es	0857	unif channel 3		
	1037	unif ch 2 NBC		1652	XHQ	3 SI			0928	CKCK	2 SA	1251
	1042	unif ch 5 CBS		1709	unif ch 3 ABC				0959	KXMA	2 ND	1169
	1109	KRMAT 6 CO		1723	unif ch2	Spanish			1958	XHQ	3 SI	
11 Es	1528	CKCK 2 SA 1251		1806	<u>KTVK 3 AZ 620</u>				2137	KSCN	2 KS	1263
	1530	unif ch3 Spanish		1853	unif channel 2			22 Es	1358	CKCK	2 SA	1251
	1534	unif channel 4	17 Es	0829	KFDX	3 TX	1331	26 Es	1116	unif channe 3		
	1613	KFDXt 3 TX		1029	KLNE	3 NE	1225	27 Es	1033	CFACt	2 AB	
	1622	KMID 2 TX 1170		1145	<u>XEPH 2 CH 960</u>				2049	unif ch2 Spanish		
	1629	KACB 3 TX 1283		1149	unif ch 4 CBS			29 Es	0904	unif channel 2		
	1647	<u>KLBY 4 KS 1122</u>		1159	KSNW	3 KS	1335		0917	unif channel 3		
				1212	unif ch 4 NRC				1458	KENW	3 NM	1060

Randy Miltier (continued)

29 Es 1531 KFDXt 3 TX
1552 unid channel
1600 KTVC 6 KS 1
1620 unid channel

29 Es	1626	<u>KWNB</u>	6 NE	<u>1144</u>
	1635	<u>unid</u>	channel	5
	1657	<u>KBME</u>	3 ND	1256
	1700	<u>XEPM</u>	2 CH	960
	1725	<u>KREM</u>	2 WA	749
	1830	<u>KSNC</u>	2 KS	1263

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29 Es 1900 KMIDt 2 TX
      1920 unid channel 3
      1923 KENWt 3 NM
31 Es 1247 unid ch 4 ABC
      1249 unid ch 2 NBC
      1253 unid channel 3

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I hope everyone is having a great season - 73

William Eckberg, 1032 Sterling Road, Dixon, IL 61021

CDT

Equipment: See July 1987 Western TV DX

July 1987

6	Es	1830	KMID	2 TX	967	16	Es	1200	WPBT	2 FL	1229	21	Es	1230	KATC	3 LA	809
7	Es	1700	WFSB	3 CT	842			1208	WESH	2 FL	983			1400	KENS	5 TX	992
		1730	CKMI	5 PQ	938			1212	WEDU	3 FL	1031	22	Es	2000	KSNC	2 KS	537
8	Es	1900	WGBH	2 MA	918			1300	WUFT	5 FL	923				KNMZ	2 NM	972
		2200	WDIQ	2 AL	727			1500	WCBD	2 SC	797		2055	KENW	3 NM	912	
13	Es	2000	WPBT	2 FL	1229			2155	KENW	3 NM	912			2100	KMID	2 TX	967
14	Es	1800	WSTM	3 NY	671			2200	KMID	2 TX	967			1945	WPBT	2 FL	1229
		1830	WGBH	2 MA	918	17	ms	0430	WSTM	3 NY	671	23	Es	0515	WOIO	19 OH	401
		2000	WCBD	2 SC	797	18	tr	0455	WZTV	17 TN	408	27	tr	2215	WKSO	29 KY	405
		2035	WWAY	3 NC	800	19	ms	0455	KPRC	2 TX	890			0455	WSMV	4 TN	408
15	Es	1800	KWGN	2 CO	811		Es	1000	WWL	4 LA	813	28	tr	0525	WCAY	30 TN	408
16	tr	0615	WKSO	29 KY	405			1030	WESH	2 FL	983	29	Es	1710	KPRC	2 TX	890
		0640	KHNE	6 NE	464				WJXT	4 FL	895			2105	KNMZ	2 NM	972
	Es	1130	WCIX	6 FL	1229	20	Es	1230	WPBT	2 FL	1229			2200	KIDK	3 ID	1123
		1150	WJXT	4 FL	895	21	Es	1200	WBRZ	2 LA	784			2300	KUTV	2 UT	1139
		1155	WPTV	5 FL	1168			1230	KPRC	2 TX	890						

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

July 1987

14 Es	1958	WCBDt	2 SC	1657	KUTV	2 UT	880	2005	unid ch 4 NBC	
	(MUF	89.9 @ 1959-	SC)	1729	KBCI	2 ID	960		(Over KXJB- 4)	
	2057	WDIQ	2 AL 1195	19 Es	0922	unid channel 2		(MUF	99.3 @ 2025-	TN)
	2059	unid ch 2	XEW	1026	WBRZ	2 LA	1185	2036	unid channel 5	
16 Es	1924	unid ch 2	PBS	tr	1451	KRIN	32 IA	395	2101	unid ch 4 ABC
	2000	KBTX	3 TX 1120		1608	KHNET	29 NE		(Over KXJB- 4)	
	2027	WBRZ	3 LA 1185		1644	KCAN	8 NE	365	2141	WMC 5 TN 88
	2127	KENS	5 TX 1218	Es	(MUF	96.7 @ 1850-	LA)		(MUF	107.9 @ 2150-
	(MUF	92.7 @ 2140-	TX)	1959	KETS	2 AR	890	2222	KALB	5 LA 1115
	2158	KPRC	2 TX 1197	20 tr	0057	KCYA	8 MB	295	2227	KFSM 5 AR 795
17 Es	0900	KJRHt	2 OK	Es	1800	unids chs 2, 3 s		31 tr	0723	WLAX 25(MN) 345
	(MUF	89.9 @ 0902-	MS)	21 Es	1959	WSIL	3 IL 755	0728	WKOW	19(MN) 340
	1000	KNMZ	2 NM 916		(MUF	88.3 @ 2002-LA)			WHLA	31 WI 340
	1000	KFDX	3 TX 901		2100	KATC	3 LA 1185	0757	K25AA	25 IA 245
	1025	KNAZ	2 AZ 1120	22 Es	2028	unid ch 2 ABC			KHIN	36 IA 390
	1200	KBTX	3 TX 1120	23 Es	2025	WCBD	2 SC 1310	0758	KYNE	26 NE 390
	(MUF	107.9-1721)		2029	WTWO	2 IN 710		0800	KXNE	19 NE 320
	(MUF	100.3 @ 1804-	TX)	26 Es	1934	WBRZt	2 LA	0810	KLJB	18(IL) 500
	(MUF	105.7 @ 1834-	MD)	28 tr	0549	KPTM	42 NE 400	0823	K58BS	58 MN 215
	1836	KOAAt	5 CO		0545	KCCI	8 IA 385		(Mineapolis	LPTV-TBN)
	(MUF	107.3 @ 1907-	GA)		0551	KETV	7 NE 385	0848	KDUB	40(WI) 425
	1927	unid ch 5	CBS		0554	KHIN	36 IA 390	0912	K22AE	22 MN 215
	(MUF	100.3 @ 1933-	GA)		0556	KTAJt	16 MO		(New Uln	LPTV-TBN)
	(MUF	106.9 @ 2008-	OR)		0601	KSHBt	41 MO	0915	KIIN	12 IA 445
	(MUF	107.9 @ 2021-	FL)		0602	K25AA	25 IA 245	0929	WTVF	47 IL 555
	(MUF	92.5 @ 2114-	UT)		(Rock	Rapids KSIN-27)		0932	WEEKt	25 IL
18 Es	0858	unid 2 AB or BC						0958	WVTO	35 IL 550
	0900	unid ch 2	XEW		0604	KTIN	21 IA 305	1016	K33AB	33 IA 245
	0900	KTVK	3 AZ 1230		0605	KDIN	11 IA 385	1019	WMSN	47 WI 440
	0927	KENW	3 NM 965			(Over KTHI-11)		1029	WQOW	18 WI 280
		hvy CCI o/WDAY-6			0616	WHO	13 IA 385	1100	WKOW	27 WI 445
	(MUF	96.3 @ 1002-	NV)		0617	K33AB	33 IA 245			
	1100	KMID	2 TX 1060		(Sibley	KSIN-27)				
	1300	KMTD	2 TX 1060	29 tr	0204	KUMV	8 ND 340			

Off to WTFDA Convention at Elving's - Had A Great Time!

TV DX THIRTY YEARS AGO
TV DX THIRTY YEARS AGO
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TV DX THIRTY YEARS AGO

Compiled by John O. Broomall, Route 1, Broomall Trail, Waleska, GA 30183

Reader response requested — should this column continue monthly?

SEPTEMBER 6, 1957 Vol 4 #9 - EDITORIAL (Bob Seybold, President) - (Dues now \$3 a year.) I'm back again at the TV DX, safe, sound (and happy) after the hitch and honeymoon affair. We had a grand time; see I missed some hot DX, but when you gain something you usually lose or miss something—there is no exception! August 2-22 (particular Aug 20) good for skip and tropes.

"Free verse" from Tom Hidley, Chicago: "The Tweet, Tweet Birds" — Antennas are for the birds....We have as many as 15 heavy birds on antennas. The jaybirds said, "we will disturb their TV DXing....if they don't throw us some bread we will give them a rock and roll picture with a good scramble. We love good food." No golf — but it helps make a birdie. Keep your birdies happy — this will improve your TV DXing!

TECH NOTES (Schafer) - "Junkyards on the Roof." Damp and salt will rust any antenna in a year or two. Best brands: Channel Master, Winegard, Taco, Amphenol. Junk construction: JFD (their "Dodo" is a poor imitation of CM's Champion), Snyder, Walsco. Alliance best rotor but has poor back clamps, bolts, nuts, and a cheap gasket. Belden and Amphenol best lead. Most guywire too thin. Best insulators from General Cement. Use commercial hardware supplies.

A new **TECH DATA** page from Barney Rauch, IL, discusses "sky hooks." He praised Winegard CL4X with power pack as favorite of his and Art Collins, NY. Need 20 db gain for good DXing.

FCC NEWS (Collins) - Applications at a standstill except for channel/power requests — most don't materialize. Stations starting soon: WTAE-4 Pittsburgh, OIAX4U Lima, Peru. Channel swaps in Florence/Charleston SC. Milwaukee's 15, 19, and 31 to 18, 24, 30. Other major UHF channel changes in Wisconsin. WLBZ-2 still verifying as WTWO-2. New grants: 7 in Buffalo, 13 (educational) in Dallas, TX, and 6 in Sacramento, CA. Twister flattened KBMY Radio tower.

RANK COLUMN (Spaulding) - New member Donald Ruland, FL, gave sign on/off of 15 FL stations. He has logged 89 stations including KPIX-5 CA at 2430 with 500 mile NC high band tropes. Ed Rugel, KS, has logged 187, verified: 187, 39 states, 5 provinces, 4 countries.

EASTERN DX (Seybold) - Twenty-six reports on three crowded pages. Ferdinand Dombrowski set a personal record with 52 stations August 9; log at 136 with 12 new. Bill Nieman got 20 new (log at 115) including audio of 7 via aurora, while brother Dave has 148 with 18 new. Longest report from B. J. Bingham, MO, who reported 700 mile tropes July 30; 800+ mile tropes on Aug 13, 16, and 18. Log 198 with 12 new. Frank Wheeler, PA, reported aurora on Aug 22, 23, 27. Very short report from Seybold with no new stations.

WESTERN DX (Johnson) - Only six reports filling two pages, including a DXpedition to Mount Ashland and various vacation visits by DXers. After five attempts, and a two-page letter to the president of CKCW-2, NB, Doris Johnson finally got a verification from station.

INTERNATIONAL DX (Simkin) - Heinar Tammet, Estonia; reports DX from England, Switzerland, West/East Germany, Italy, Holland, France, Rumania, Hungary, and Czechoslovakia. New member Ron Hilding, AZ, logged XEW-2 slide on channel 3. Stan Penc, NY, has ordered an "all band" European TV set. John Broomall "checks in with the best IDX log from the US since Bedford Brown last DXed: HIT Dominican Republic on 2; 85 Es logging this summer including 16 Cuba, 5 Puerto Rico, DR, and 13 Canada with Es on 50 percent of days; 40 percent foreign."

Congrats to Bob and Carole Cooper on their wedding. Ferdinand Dombrowski asks about copies of European TPs. Gordon gave a full page of detailed F2 predictions with a complete analysis of his successes and failures last year on his 1957 predictions (he was quite accurate).

SPECIAL FEATURES/DXING HINTS (Broomall) - This new column included a feature on electronics wizard Gordon Simkin, noted for his international DX, equipment modifications, and F2 predictions. Gordon used super wide band tuners (and TV) in his car but had no "ordinary" TV at home!

Suggestions for improving the AIPA included regional conventions, more DX tests, and getting members to submit more material to the bulletin. One response to question of the month, "what would your ideal DX setup be?" was "equipment like Bob Seybold's!" The Exchange Column offered a brand new Raytheon 6CX8 tube and Zenith cheater cord. Ron Hilding wanted a "Pen Pal" and Stan Penc said he was interested in stamp collecting. Welcome to youngest members — brothers 11 and 12 respectively who started with a log of 19 stations.

TELEVISION NEWS

FORUM

DAVE NIEMAN (Akron NY) writes, "WNYB-49 Buffalo never made it on the air July 1st as promised. An article in the *Buffalo News* now puts their startup date as September 1st. I can't see them ever making it on the air. What did make it on is a channel 41 LPTV station in Utica, NY which carries the TRINITY BROADCASTING NETWORK (TBN) 24 hours a day. Watched them for hours and seen no station ID."

Dave also sent an article from the 6/28 *Syracuse Herald American*: "By fall, there may be another independent commercial station joining the airwaves — and it will be locally owned and operated." Gerald E. Devine...with Virginia Beach, Va., attorney James L. Oyster, are planning a television station that will broadcast on Channel 43 — pending Federal Communications Commission approval. Late last week, Devine was working out a deal with Oyster, who had also applied for a construction permit to broadcast on Channel 43, to smooth the way for the new station. "Devine had planned to build a broadcast antenna and studio at 1938 East Fayette St., according to the FCC application, but that may change with the partnership. The proposed 90-foot tower — small by most broadcast standards, with stations usually sporting a 1,000-foot tower — would broadcast a signal that would reach the core population of Syracuse. Seven television channels have been allocated by the FCC for the Syracuse area.... Channel 43, along with Channel 56, are what's left for this area. Susan K. Panisch of Eastern Conn., has an FCC-approved construction permit for Channel 56, but sources who declined to be identified said Panisch was interested in selling the permit. Panisch, in a telephone interview, said, 'I'm exploring a lot of different options as to what to do with it, and that's all I'm going to say.' "Experts predicted rough going for a new independent in Syracuse, given the saturation of superstation-bearing cable television, but many thought one could survive. Most doubted more than one could turn a profit."

An article from **JOHN COMBS** (Jacksonville FL) leaves me puzzled. It's from the 7/3 *Florida Times-Union/Jacksonville Journal*. "Two major television networks have asked their Florida affiliates to black out some nationally broadcast commercials to protest a new sales tax on advertising and other services. CBS and NBC have asked local television stations across Florida to run in place of the targeted commercials either public — service announcements or the stations' own

Bill Fahber, editor
336 Atlantic Street
Bridgeport, NJ, 08302

advertisements. The blackouts were requested by the advertisers, Kimberly Clark, Johnson & Johnson and Rustoleum, said Bob Foss, head of the Florida Association of Broadcasters. Bruce Haggerty of ABC's affiliate relations said ABC has agreed to advise affiliates of requested blackouts as long as the advertisers tell the company two weeks before the ads are to be aired. That will give the stations time to sell the spots locally or to line up public — service announcements, he said. Because ABC is allowing affiliates to sell the time locally, those affiliates will be able to earn additional revenue from the blackouts.... "Network affiliates also will suffer if they refuse to black out the ads...." "A law signed by Gov. Bob Martinez on April 23 extends Florida's percent sales tax to dozens of previously untaxed items and to services such as construction, advertising, pest control and lawyers' fees." My understanding is that advertisers pay the networks to carry their commercials alongside the programs they sponsor, and that the networks pay the affiliates to air the programs and commercials. If that is the case, I assume the affiliates do not receive any money from the advertisers. So what is there to be taxed? And even if the advertisers pay extra to the networks, isn't it still to their advantage to advertise? Also, I don't pay sales tax for mail order purchases from other states. Why would a non-Florida company have to pay Florida sales tax for business transactions probably done by mail or radio wave? I hope somebody could explain this to me.

John also writes, "I've had pretty good success with logging channel 5 E-skip audio in my truck FM while mobile. Does anyone manufacture an in-dash car stereo unit that includes at least VHF-TV audio? Such a unit would be nice to have when one has to be on the road during a skip opening and the MUF hasn't reached FM." Anybody out there know of one?

From **ERIC BUENEMAN** (Hazelwood MO): "St. Louis television seemed to be very mundane and boring before KNLC-24 signed on September 12, 1982. A broad range of Christ-centered programming (some of it locally-produced) was brought to the St. Louis area with the debut of KNLC-24. One of these programs is a locally-produced show called 'Here's Help.' This show puts prominent St. Louis religious and public figures and social service personnel on the air, and has exposed many different social dilemmas (example: teen pregnancy, alcohol abuse and the AIDS epidemic). The problem 'Here's Help' continuously focuses on is the homeless in St. Louis. Homeless people

come to the cameras and are interviewed by Larry Rice, KNLC's president, [who] asks them how long they have been out of work, homeless, what kind of work they can do, and what they are looking for as far as housing goes. Some of these men go into New Life Evangelistic Center's broadcasting program, where they learn how to operate cameras, dub and edit video tapes, do logs and listings and operate the master control panel. KNLC started out with 1,466.7 kw, which didn't get a good picture to my QTH. All of the camera operators and other behind-the-scenes workers were previously homeless, and go on the jobs in Christian, public or commercial television. KNLC-24 has a sister station, KNLCJ-25 in Jefferson City, MO, which KNLC's old transmitter now powers. KNLCJ signed on March 30, 1986 (Easter Sunday).

"KMOV...is the correct call for local Channel 4 (St. Louis MO -wbf). In other local news: KTVI-2 is rumored to be up for sale, as their ratings slipped. The only bright spot in the ratings is at 10:30 p.m., where M*A*S*H is still on top. At 9:00, on the other hand, [KTVI] is lower rated than even KETC-9, and the only station lower rated than the Times-Mirror owned station (? -wbf) are KDNL-30 (with the money-begging PTL) and KNLC-24 (Richard Roberts). KTVI should be a possible takeover target for Capital Cities/ABC.

"Illegitimate Claims Department: K56CA claims to have a coverage from St. Charles in the west to Highland in the east, Alton in the north to Arnold in the south (about a 25 mile radius -wbf). In actuality, K56CA cannot even get out to Spanish Lake, Caseyville or even south St. Louis! They also claim to have a potential to become a full power station, but with WRSP-55 Springfield, IL, K56BX Steelville, MO and W57AO Robinson, IL now on, forget it! Its ERP and height above ground are a big handicap. It is 1.24 kw ERP at 480 feet above ground level. K56CA could be killed within three years by KNLC-24." Actually, WRSP-55, being on an adjacent channel, only needs to be 55 miles distant. The other translators don't count: anybody can get authorization for a broadcast station and force interfering translators and LPTV stations to shut down. The only problem I would see is with a vacant channel 48 assignment in Sparta, IL, from which its transmitter must be at least 60 miles. St. Louis is only 50 miles northwest of Sparta, so K56CA would have to move its transmitter ten or more miles NW of St. Louis and increase its ERP to cover the city within its city grade contour.

"By contrast, K52AY operates at an ERP of 8.8 kw at 560 feet above average terrain. It can get out to my QTH sometimes in color! K52AY is the Univision affiliate in St. Louis with ALL SPANISH programming. K52AY is more likely to power up than K56CA, as the only

adjacent-channel station near K52AY is WEIU-SI Charleston IL. So, K52AY could 'power up' to as much as 3000 kw, and change to a four-letter call." Looks good, as long as somebody more qualified to operate a broadcast station doesn't come along and say, "I want that channel."

RALPH STROBEL (Muncie IN) sent a clipping from the 7/8 *Muncie Evening Press*: "Low-power television station W32AC-Channel 32 has applied to the [FCC] to increase the power of its signal from 100 watts to 1,000 watts, according to a member of the station's board of directors. The religion-oriented channel... has a transmitter south of Muncie on Ind. 67. The channel's programming consists of PTL broadcasts with local announcements inserted during PTL's network breaks." I wonder how long that's going to last.

JOSEPH FELE (South Plainfield NJ) writes: "WNET-13 will be going 24 hours a day starting in September. It should be interesting as they are using only a single transmitter (no back-up) and, I'm told, they have that pushed-up to maximum.

"A question for members. I've been told that there is reason to believe that as part of the Radio Marti operation, the U.S. government is beaming television programs clandestinely into Cuba. This supposedly is being done periodically from 'international waters' offshore. Supposedly the programs were beamed to different parts of Cuba at different times. The question is, do any WTFDA members know for a fact that such transmissions have or are taking place?" Sounds to me like maybe some Cubans have taken up DXing as a hobby and discovered E-skip.

"The above, plus Radio Marti on 1040 or VOA on 1180 from Marathon, FL beamed to Cuba may have an interesting bearing on pirate radio beaming into the U.S. in the future. Seems the FCC shut-down 'Radio [Newyork] International' on the basis of illegally broadcasting into the U.S. from offshore without permission, in violation of international treaty. However, if the U.S. is doing that to Cuba, the validity of this argument is greatly diminished and perhaps nullified." Don't believe that 'international treaty' nonsense. The FCC just wanted to shut them down. I believe WARC-79 expanded the AM band from 1600 kHz to 1700 kHz, but I'm not sure if the United States ratified that portion of the treaty, and I'm certain the FCC never incorporated that into their table of frequency allocations. I believe Radio Newyork International was operating on 1620, which means they were within the bounds of international treaty. And Radio Marti is nothing new. The United States has been beaming VOA and AFRTS to Cuba for some time, and they have been bombarding us with Radio Habana and Radio Moscow. And I remember back in the late sixties a certain little station called Radio

Swan somewhere in Central America ("La voz de la verdad para todo el continente") which beamed anti-Castro propaganda to Cuba on a split-channel on the AM band. It turned out to be a CIA operation.

"I'll put this in my own column but personally I find it appalling that the FCC apparently was busy damaging or destroying equipment aboard the R.N.I. ship after they boarded it Tuesday morning. I was under the impression one had to be found guilty first in this country." Yeah, but they were outside the United States. Besides, I'm sure the FCC was able to find them guilty without the court's help.

RONALD PURDUE (Byron MN) sent a few articles on KXLI and KXLT in Minnesota. The 3/27 *Rochester Post-Bulletin* reports that a group of investors called Halcomm Inc. is acquiring television stations KXLI (Ch. 41, St. Cloud MN) and KXLT (ch. 47, Rochester MN, still under construction). Present owner Walter Goins is a shareholder in Halcomm. The article reports, "At the start, Channel 47 will receive Channel 41's programming through a simulcast signal with additional programming to be added later." That is, it will start out as a satellite of KXLI, but will later start originating some of its own programming.

The 7/10 *Rochester Post-Bulletin* reports that KXLT plans to sign on the air August 10. "The producers of the KXLT signal in St. Cloud say viewers can expect a station in transition when new programming reaches the screen here. The station's format, relayed on from St. Cloud, will include North Stars hockey games, movie classics and syndicated shows that have ended their first runs on major networks." Interesting how two writers can describe the same programming two different ways. "The station holds a Federal Communications Commission [construction permit] for high-powered broadcasting. But for the immediate future, owners of KXLT's parent station...will broadcast here at 5,000 watts, just enough power to carry the signal to outlying areas like Zumbro Falls, Dodge Center and Spring Valley, where viewers will need UHF antennas to pull in the signal." Anyway, I said some years ago that the XLT in KXLT stands for xltr., which is about all KXLT will be.

The 7/3 *St. Paul Pioneer Press* reports proposed improvements in the signal of KXLI (Ch. 41, St. Cloud MN): "No later than July 10, station officials promise, Channel 41 will have completed its transmitter improvements, and a much clearer signal for all viewers, broadcast and cable, will result. Until Halcomm Inc. merged with KXLI's ownership on June 1, there wasn't much reason to care whether Channel 41 could be seen or not. Its movies were mostly public domain discards, and its series were bottom-of-the-barrel

syndication leftovers. With new ownership comes new money, however. Channel 41 quickly bought the rights to air North Stars Hockey away from KITT-TV (Channel 29), and the station's movies and series have already improved noticeably. This fall general manager Ron Eikens promises further programming upgrading." Now here comes the Sour Grapes Department: "According to Channel 9 station manager Stu Swartz, Channel 41 is continuing to get a bargain on its program purchases - a bargain that he says the FCC should put a stop to. 'I have a filing at the FCC saying that KXLI should be considered a Twin Cities station for purchasing programming,' Swartz said. 'I think their purchasing the North Stars rights away from KITT substantiates my position.' Swartz figures if KITT is allowed to pay St. Cloud prices for programming that already runs on Twin Cities-based stations like his, a Twin Cities-based station ought to be able to carry the North Stars games, too." Now his motive becomes more obvious. But on the other hand, here's KXLI's defense: "Eikens is all too familiar with the argument that KXLI should be classified as a Twin Cities station. 'That's the scenario they explain to syndicators,' Eikens said. 'On the other side of the coin, they tell agencies and advertisers we don't deliver the Twin Cities market, and therefore we're not an effective media buy.' Getting back to the first part of the article, Ron asks, 'I also wonder if KXLI channel 41 really had FCC approval to increase their power and HAAT?' I can not find that in the TV News column." I can't find any record of a grant, or even an application to change from their authorized 2770 kw. The data base from Larry Fuss shows nothing either. Maybe the station has been operating at reduced power because of faulty equipment and they're upgrading it to their authorized limit.

Ronald writes, "Here is something that I am concerned about. It is about KVBM channel 45 in Minneapolis, MN. I wonder if it will be a commercial channel or a religious station? Please help me on that." To start, I never had any calls on them yet. Where did KVBM come from? As for the station, its owner, Vision Inc. is a nonprofit, nonstock corporation, which sounds like a religious organization. Which doesn't mean it will be noncommercial, however. There is little difference in independent commercial stations, which air a lot of religious programs, and most Christian stations, which air a lot of syndicated programs. The Christian stations tend to avoid syndicated programs that are heavy on sex, violence and profanity. Family Stations, Inc., which owns several FM stations across the United States and operates them as if they were strictly noncommercial, is presently expanding into television, and most likely will have educational religious

programming on a noncommercial basis.

One other area Ronald addresses: "I don't see much of the TV News column in the VUD, just Forum in the 5/87 and 7/87 issues of the VUD. What has happened?" A few things happened. Two months this year the column didn't appear: one because I couldn't make the deadline, and the other because of the land surveyor examination I was preparing for (parts of which I will have to take again in October, so don't look for a November column). The data section didn't appear in a few months because I was unable to get the research done. As for what happened last month, I don't know. Either the VUD was already too big with all those DX report columns (That's what happens when you have a super DX season), or the column reached the printer too late (I thought I mailed it early enough). If it doesn't appear in this month's column, then it got lost, and I'll reprint what I can salvage from my files next month.

RANDY MILTIER (San Jose CA) sent an article from the 7/16 *San Jose Mercury News* on a proposed antenna tower in that area: "A proposed 657-foot television tower on Monument Peak that would clean up the ghosts and fuzz from KICU-TV's picture could become a hazard to light aircraft, sailplanes and hang gliders soaring above the Alameda-Santa Clara county line. KICU-TV (Channel 36), searching for more viewers to boost ratings, and East Bay Regional Park District officials, trying to consolidate antennas on the 2,600-foot mountaintop overlooking Warm Springs and San Jose, are promoting the tower. But local aviators say the tower, which would reach about 300 feet higher than the station's existing antenna, poses a hazard. And others claim the big tower would add to 'visual pollution' of the area." Visual pollution? That's a new one on me. Does that mean that the fluid in my eyeballs could become contaminated if I look at transmitter antennas too long? (Please excuse my vitreous humor, folks.) "With KICU's existing lease expiring this year, and the contracts for KSTS-TV (Channel 48) and KTEH-TV (Channel 54) ending in the next 11 years, all three San Jose stations would put antennas on a single KICU tower, according to the park plan." "But the [Park] district has no guarantee the other stations will join KICU. The district does control new leases, but Lynn Bowers, the district director representing southern Alameda County, said it won't be easy to force an unwilling station to move. Should the stations object to the move, he said, 'we do not have the ability or the political determination to terminate the leases.' KTEH...does not look forward to high expenses for a new tower."

Local observations from **WENDELL FORD** (Westville IN): "WSNS-44 Chicago [is] still Univision as of 7-15." What? I thought

WCIU-26 was Univision. If WSNS is Univision, then what is WCIU running? This looks like some more corrections on the NATVDB.

"Since late May '87 have noticed a low-powered channel 13 W3BE in Chicago playing only music videos, commercials consisting of mail-in offers have a Milwaukee, Wisc. address. I live 60-75 miles SE of Chicago & can only pick it up at night after WTHR Indianapolis signs off. Even then WKEX Rockford sometimes overrides it. This station's audio is louder than any other station on the dial. When I turn volume down to enjoyable level, other stations are silent. Never have received station strong enough to be in color. Also station never verbally IDs. Only says TV-13 Chicago."

A clipping from the *Gary Post-Tribune* reports, "A Fort Wayne-based religious television station could be on the air by this fall if the [FAA] gives it permission to begin building a transmitting tower in Ohio farmland this week, a local minister says. WINM-TV, Channel 63, would be operated by Manna for Modern Man Ministries Inc., a non-profit corporation organized by leaders of Calvary Temple in Fort Wayne." Wendell comments, "looks like WINM-63 Angola, Indiana is moving to Fort Wayne." Not at all. One of the qualifications of a newspaper reporter is that you fail geography.

Another article reports that WYIN-56 in Gary IN is still raising funds and expects to be on the air this fall.

BILL DRAEB (Keweenaw WI) writes, "On 7-16 I saw WLLA-64 Kalamazoo, MI. for the first time. They gave their ERP as 1.433 megawatts and the antenna as 905' AG & 957' AAT. I suppose this is possible but they don't appear much stronger than WGVK-52 down there." ERP agrees with latest permit modification, but it should be 1000' AAT and 852' AG. As for its weak signal, maybe they are testing equipment. You didn't say if they were programming or transmitting test patterns. For the record, WGVK-52, which Bill mentions, is only 44.36 kw, only 414' AAT, and is about 20 miles SSW of WLLA.

"On 7-19 I saw WNEQ-23 Buffalo and WNYB-49 Buffalo. They were both snow free. WNEQ-23 was running 3/4 color bars with call in lower right corner. WNYB-49 just had an I.D. slide on, apparently testing. On the morning of 7-25 at 0547 CDT I had a TVO (Television Ontario) I.D. slide on ch.15 which I assume was CBCQ-1 (Temagami, Ont. -wbf). I notice in the new station guide, no specific network is given for that station other than the anik satellite." (It's CBC English; it just picks network feed directly from Anik.

"Also, on 7-25, WSCO-14 Suring, WI. went off early that night around 2230 CDT. I haven't seen them come back on since (I week ago). I wrote a letter to WCV in Milwaukee (the owner) to find out what's

going on, but no answer yet. Also, on the last couple, maybe three openings to the Iron Mountain, MI. area I noticed that the ch.67 translator which was carrying WXGZ-32, isn't on anymore. Also, on 7-27 at 0753 I saw a new translator or LPTV station testing in Grand Rapids, MI., W59AZ. They were running a continuous message that rolled vertically which said: 'You are watching W59AZ Channel 59 UHF, your community connection. Channel 59 will be bringing you programming from our community in the very near future. Channel 59 is licensed to the U.A.W., Grand Rapids MI.' Later on they showed an address to write to for more information about the station. It is: Channel 59, 6160 Broadmoor, Caledonia, MI. 49316. I wrote to them but no response yet.

"Also, on 7-31 while watching Good Morning America on ABC they mentioned KOUS-4 (Hardin MT -wbf) and KYUS-3 (Miles City MT -wbf) which are now carrying the program. Who did they swap networks with? There isn't any ABC affiliate near Miles City, so KYUS is free to affiliate with ABC. Hardin is too close to KULR-TV ch. 8 Billings for them both to be ABC. So either they switched or KOUS is airing ABC programming dropped by KULR. I haven't heard of any network switch yet.

Caribbean updates from **RICHARD CLARK** (La Vega, Dominican Republic), starting with Puerto Rico: WRWR-TV (ch.30, San Juan PR) is now Univision affiliate, formerly running movies. WSTE (ch.7, Ponce PR, formerly WLUZ-TV), "When they changed call letters?" Probably around February, 1987. "Now the weakest VHF in Puerto Rico!! Only a super tropo will bring them in now." I have no record of any major change for them. Maybe equipment maintenance? Richard reports that WOBBM Mayaguez is now LPTV, might be repeating WSTE-7. He also picked up a channel 35, probably around Ponce, possibly a WSTE repeater. It is not listed in the 1987 TV Factbook, and I have no information on it. WIOBG Mayaguez repeats WORA-5, which used to be repeated by WOBBM. WJWN-TV (ch.38, San Sebastian PR) is on the air, same as WSJN-24 San Juan: all news in Spanish.

Dominican Republic updates: HIN-TV, ch. 7, now Pico Santiago (ex-Santiago city). "They get out very good now." HICI (ch.6, El Magote) is off the air permanently. "force off the air by the government and ch.5-HISD in Alto Bandera. How can a 100 watts ch.6 be a problem for a 6,000 watts ch.5?" It's called competition for viewers. HIJB-TV, ch. 13 is now permanently El Magote, no longer Santiago, after switching back and forth for a full year. I think that is a Tele Antillas repeater for HIJB-TV, which is ch. 2 in Santo Domingo. Be sure to make these corrections in your NATVDB.

NATVDB corrections from **ROBERT GRANT** (Detroit MI): Channel 2: KATU (Portland OR) is ABC, not NBC. Vacant assignment in

Jackson WV should be Jackson WY. CKND-TV-2 (Basswood Manitoba) is 99 kw, not 0.099 kw. Channel 3: KBTX-TV (Bryan TX) "I don't think s-KWTX-10 as I have never seen any reference to KWTX or KBTX during Es openings." The SRDS book lists it as an S-2 satellite, but I could never figure out what that means, but I think it should still be listed as a satellite unless somebody gives me more information on that. Channel 4: Oak Hill WV station WOAY-TV reads, 'Beckley OK asgt?' Haven't you ever heard of deregulation? Actually, that should be Beckley WV. Channel 7: WNEV (Boston MA) is on the air, so add that little arrow. Channel 8: Cleveland OH station 'definitely WJW-TV (not WJZW-TV) and zero offset. I suspect omnidirectional.' Larry Fuss' latest data base agrees with all of the above; Code of Federal Regulations agrees with offset also. Channel 11: KSN6 (Garden City KS) is not s-KAKE-10. (SRDS agrees) Channel 13: 'TX Laredo KVTX s/KZTV, not P-KZTV.' SRDS has neither; are you sure?

Comments and news from Robert: "Interesting thing happened during an Es opening 7/17...had a ch.6 station with Kansas [weather] map and 'newswatch 12,' zero beat to WLNS. Both old and new books had KTVC (Ensign KS -wbf) as + with WLNS (Lansing MI -wbf) as -. 'Called KTVC chief engineer: 'we are minus...we were a 'domino' when a new station in Ark. went on...but we will switch back to plus when any chg. in Junction City goes on the air... Tulsa didn't want the new assignment because we would mess them up if we were +.... We had no problem with Denver....' He also verified my logging of KLBV-4 (Colby KS -wbf), back on the air.

"Closer to home: I see no sign of any progress about WADL. The ch.38 CP at Mr. Clemens it seems to be forgotten just like the 500-odd other incomplete UHF CPs. Could you tell me where the CP TL is so I know where to look?" If you have a geodetic map (check your library or county engineering department), plot the coordinates 42°36'25"/82°54'44". "There were applications for this assignment ten years ago. Now the UHF boom has gone bust and WADL might never go on the air, the CP will be cancelled, and the whole process of litigation will repeat itself. There has to be a better way. And I do have an idea - when a consolidated hearing arises which is likely to take a long time, applications could be taken for neutral builders who would specify TL, engineering details, and the price at which the facilities would be sold to whoever wins the consolidated hearing. A neutral builder - chosen when offering a technical facility satisfactory to all applicants (CP, that is) at a reasonable price, would build the tower, transmitter and STL receiver, and earn a small profit when it sells the facility to the winning party, building the xmt facility while the station applicants

are in litigation. This way, the transmitter facility will be waiting when the station permit is granted. If this were done with the Mount Clemens scenario, WADL would have been on the air two years ago. (I would like to see this in FORUM, for comments from other members.) Here are a few: WADL would have been on the air two years ago, but off the air in a month. Obviously, they don't have the money to invest. Also, what if a non-profit group wants to build a small, inexpensive station and do much of the construction themselves to save money? Your idea would deprive them of that. And if the licensee goes bankrupt, or dies, or a partnership dissolves, the contractor would be left holding the facilities with no return on his investment.

"I see in front of WDIV's (ch.4, Detroit MI -wbf) tower 'For sale - acreage' signs. I wonder if that means WDIV is going to a new tower." No change is planned. Maybe they're subdividing the land and selling off pieces of it for farmland.

"[Circular polarization] has a profound effect on getting WGRZ (c) through WJBK (h) on indoor antennas during Tr openings."

"Getting back to carrier offsets, I have what may be an interesting observation. Many stations vary in frequency within their offsets gradually from moment to moment, some seem to gradually drift in one direction, up to a point, then shooting suddenly to the other 'side' in the other direction, immediately resuming the slow drift in the first direction. This produces CCI that seems to fade in and out! I find that whether the beat is near zero, 10kHz or 20kHz, the CCI is least perceivable when the difference in carrier frequencies is an odd multiple of 29.97 Hz. This is because in each video field the undesirable signal is out-of-phase with the same point in the preceding and next (or upcoming) video fields. Put another way, the odd and even-numbered video fields cancel each other out. Now some stations are doomed to share the same offset despite proximity to each other (for example WADW and WWTW). I believe these stations could greatly improve fringe reception by maintaining a 30 Hz difference in video carrier frequency - no FCC approval needed! One problem that still could occur is that if the unwanted signal is too strong, the CCI beat could wipe out the horizontal blanking interval for half the picture, causing it to be unstable. One of the two fields would be unstable. I've seen it before with a 30 Hz beat.

"I don't see the logic in the mention of satellite stations on offsets - if a satellite station receives its programming from a microwave link or a receiver with a video detector circuit - the only factor governing the carrier [frequency] of the satellite station is the oscillator of the

satellite station's transmitter, which is required by law to conform to an offset frequency. Only a translator that converts and amplifies a station's entire signal - without detectors nor modulators - could have its output carrier [frequency] affected by its input carrier [frequency], and I don't think any translators do this. Certainly not any full-power satellite stations - the linear amplifiers required would be humungus and inefficient."

From MATI SUTTEL (Kingsport TN): WLIO-35 (Lima OH -wbf), according to the Toledo-Lima (TV Guide), is (NBC,ABC) but the ID has just the NBC logo on it. I looked but didn't see any ABC programming on them. Are they possibly just NBC now? That's all I have them as, according to SRDS. Maybe they air ABC programs on a per-program basis?

"WJZY-46 (Belmont NC -wbf) is now on; I've heard frequent ads on WPE6-97.9. I'm not sure exactly when; I think early July. Quite a few movies scheduled plus baseball.

WCTE-22's (Cookeville TN -wbf) signal is much stronger in Nashville now - seen 7/2/87 with a much better signal - can be seen in Knoxville. Their power increase is really getting them out - its tropo catch possibilities should be greatly increased.

"WJAL-68 (Hagerstown MD -wbf) is now on; seen with programming 6/17/87 near Mechanicsburg, Pa. Independent programming." I have no trouble getting in Hagerstown 25 and 31, but I have yet to get a trace of 68 here in Bridgeton.

"WCYB-5's (Bristol VA -wbf) power is 83.2, not 85.1 [kw ERP].

I still have a lot of articles from W.R. McIntosh and Dave Sinclair, which I'll save for next month. A last minute letter from Bill Draeb confirmed that WSCO-TV (ch. 14, Suring WI) is off the air as a result of a tube failure in their transmitter. I will catch up on the research next month. I imagine this month's VUD is going to be thick, what with all the DX reports and two of my columns.

I decided to try Fontmaster II on this month's column. At first I was ready to give up, but I eventually managed to iron out most of the bugs. There are still a few things about it I don't like. I made up my own block and script fonts for this column. I hope it's more legible.

*** PUBLISHER'S NOTES ***

WTFDA CONVENTION HAPPENINGS! THE DULUTH, MINNESOTA AREA WAS THE PLACE TO BE FOR WTFDAERS IN EARLY AUGUST. THE 1987 WTFDA CONVENTION IN HOSTED BY FCC FM NEWS EDITOR DR. BRUCE ELVING, FEATURED PLENTY OF E-SKIP FOR ATTENDEES, AMONG THE MANY OTHER ACTIVITIES. MANY THANKS TO THE ELVINGS FOR HOSTING THIS YEAR'S CLUB GETTOGETHER!

BID NOW FOR WTFDA CONVENTION 1988! IF YOU WANT TO BE THE HOST OF NEXT YEAR'S CLUB CONVENTION, NOW'S THE TIME TO BID. SO FAR, WE'RE HAPPY TO REPORT ONE OFFER, BY VUD FEATURES EDITOR JOHN BROOMALL IN NORTH GEORGIA. IF ANYONE ELSE IS INTERESTED IN BIDDING FOR NEXT YEAR'S CONVENTION SITE, THEY MUST NOTIFY CLUB HEADQUARTERS IN WRITING BY SEPTEMBER 30, 1987. IF MORE THAN ONE BID IS RECEIVED BY THAT TIME, A MEMBERSHIP VOTE WILL DECIDE; OTHERWISE, THE SOLE BID WINS.

WTFDA SUPPLIES AVAILABLE AGAIN SOON WATCH FOR NEWS ON THIS IN A FORTHCOMING VUD. TAKE NOTE: WE HAVE A VERY LIMITED SUPPLY ON SOME BACK ISSUES, AND WE EXPECT THAT THE WTFDA NORTH AMERICAN TV STATION DATABASE WILL SELL OUT SOON.

WHAT A S-E-S-ASON!!! THE NUMBER AND SIZE OF RECENT DX REPORTS IN THE VUD HAS COME CLOSE TO THOSE OF THE "CLASSIC" LATE 1970'S SEASONS, ESPECIALLY 1977. JUST LIKE THAT YEAR, E-SKIP HAS CONTINUED ON RIGHT INTO AUGUST WITH LITTLE SIGN OF SLOWING DOWN. THIS MAY WELL END UP BEING ONE OF MANY E-SKIP DXERS' FAVORITE YEARS.

--BILL THOMPSON

STATION BREAK

WTFDA H.Q.
P.O. Box 514
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

FOR SALE - Drake ESR 24 satellite receiver w/stereo processor, mint condition; MTI 4100 antenna controller; MA/COM Videocipher 2000 descrambler (de-activated); 85-degree LNA; everything but dish and cables - \$795. Contact Glenn Jacobs - RD 1 Box 1508 - Moscow PA 18444

INFO WANTED - N4VA would like to know if any other WTFDA members are active on the 6 meter (50 MHz) amateur band. Also interested in hearing from 30 - 50 MHz DXers. Larry Vogt - 8103 Sherbrooke Ct - Springfield VA 22152-3360

WANTED - Donations of antenna-making books, and used editions of World Radio-TV Handbook. Due to high expense, no where else is it possible to get copies here in Bangladesh. Mr. Taimur Rahman - General Secretary - International Radio Listener Club - Konabary, P.O. Nil-Nagor, Dhaka, BANGLADESH

YOUR non-commercial ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

SPECIAL REPORT

TransAtlantic E skip observed
by DX-er in Netherlands!

For the last five years or so, I have been quite active DX-ing in the VHF portion of the spectrum, in many ways: TV in band I, FM from both E- and West Europe, and 2 meters operating. I am also radio-amateur PA3BJN, and I am licensed to work on the shortwave bands, but I still prefer to work on 2 meters. Sporadic E propagation is my favourite one, although of course the openings on 2m are usually short and rare.

Now that the 50 MHz amateur band is also permitted in the U.K. (50-52 MHz), I have built a transverter for this band to become familiar with the propagation. The U.K. is a bit too close to my location for regular Es propagation (under 1000 km), but a few openings occurred this season and about 10 crossband (10/6 m) QSO's have been made. The big surprise this season however were the transatlantic Es openings, of a remarkable length and strong signals.

To start with, a small opening occurred on 15-16 June '87, as late as 23.37 to 00.11 UTC! So that is after midnight here. N4AWU was heard from NC, distance 6700km, so must be three-hop! A very good opening was received 19th of June, from about 1900-2015 UTC. On 50 MHz, many stations from the North-Eastern USA and Canada were heard, with amazing strength. With my converter, I heard video and sound from A-channels up to A5! I could not get a viewable picture from A2. By adjusting the vertical hold, I can synchronize on system M stations, but the signals were fading and interfering too much with each other. A3 is impossible to see on my location, because our main TV-station is on E4, only 45 km away. Via the converter, I can hear the carriers however.

Finally, a similar opening occurred on 21st of July, with dead intervals, from 20.30 to 23.15 UTC. I concentrated on 50 MHz because I wanted to make a crossband QSO. It's a pity that so many stations forget to listen on 10m, with so many UK stations available directly!

At this moment, 50 MHz is under no circumstance permitted for amateurs in the Netherlands. Main problem are the many cable-systems using E2, including the system in my location. I can imagine very well that my 50 MHz signals would leak in to many TV-sets!

However, I think there is a very slow trend in Europe to leave E2. As you will know, the U.K. left VHF entirely and France no longer has stations in the lower portion of band I. Tampere, FINLAND and H8rby, SWEDEN left E2. US DX-ers will certainly regret this, as I suppose E3 and E4 are covered with local stations there. But anyway, it happens very slow and maybe some stations will never leave E2. And there is still the enormous amount of stations on R1 (Disturbing 50 MHz very much by the way!).

I wonder what US and Canadian DX-ers see during such openings. I always thought transatlantic TV-signals only were possible via F2 in a sunspot maximum, but thanks to the 50 MHz amateur-band it appears that multihop-Es is not so rare at all. 73 and good DX!

Hans v.d. Heijden
Titus Brandsmalaan 16
5342 ES Oss
NETHERLANDS

ANTENNA NEWS

RICH WERTMAN
315 Pine Street
Lockport, NY 14094
(716) 434-3988

Just when you thought you had seen everything available in remote control Channel Master decided to make us all lazier! I just received a demo, display and info on the newest line of CM's Colorotor series, the #9520. After playing with the demo I decided to order one up for myself. This one's definitely going to be one hot seller for CM.

To start off with the unit uses infrared remote controlling that requires a 9 volt battery in both the remote and the control box (for memory back up). The memory is a microprocessor design. There's 11 memorized settings which are lettered A through K... and programming the unit can be accomplished by the average 5 year old!



One handy item is the synchronization button which when activated will return your antenna to its proper alignment. This is especially helpful after a good wind. The sync button will not cure loose mast or rotor clamps however! There is a display button which will let you see where your antenna is at presently by simply pressing the [DSPL] button.

The new control box features an LED compass dial display which will indicate what your antenna is doing under any function. No more noisy motorized control box; however the unit uses the all familiar rotor motor outside as they always have. There are also simple east-west arrow type buttons which will carry the antenna either way to its north end stops. New hi-fi push type connections are employed on the control box, and it still requires 3 conductor wire.

Sometimes I like keeping the best for last and this time I did. This unit can be wired to any 1 RPM rotor motor, regardless of whether they use 5 wires or less. I don't believe it would be compatible to Telex rotors. CM encloses a cross reference list for such rotors as Alliance U-98s, U-100 & 110s; Crowns; Monkey Wards; Sears; Radio Shacks; etc. The patent on the unit is pending, however I'm sure that'll go through quick.

I personally like this unit a lot and all I've done is use it to test old rotor motors on my work bench! I believe the unit will do quite well and it should be a real help to people confined to wheelchairs or etc. The unit is available 2 ways: either just the controller and the remote OR the rotor, controller, and remote. At present there is a slight shortage on some of these but I'm sure CM will catch up. I'd say that on a scale of 0-10 I would rate this one a definite 10...and I would highly recommend it to anyone!

If you would like more info on this unit drop me a note and a self addressed stamped envelope. I'll also be dealing in both setups if anybody's interested. Drop a line and I'll get a reply to you ASAP. That's all for now.

--Rich